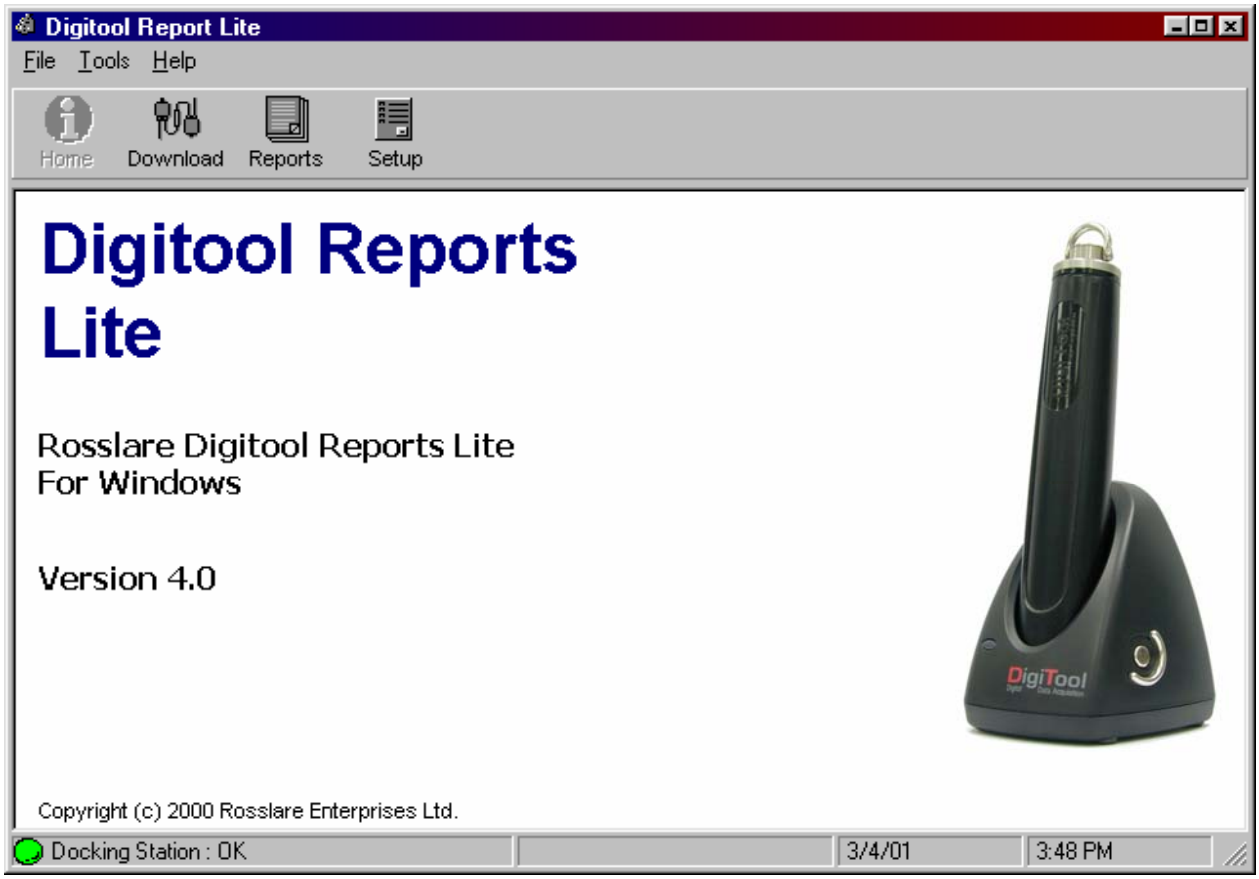
DigiTool ™

GS-01 *ReportsLite. 4.0*

DigiTool *ReportsLite* software GS-01 for the PC is the light version of the GS-02 DigiTool *Professional* software.

GS-01 is perfect for Small to Medium sized applications such as Guard Patrol, Statistical Process Control, Equipment Maintenance Control, and more…



Software Installation and Users Guide. (Version 4.0 Jan 01)

For Windows® 95/98/ME and Windows® NT/2000

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Introduction

Thank you for purchasing Rosslare's **DigiTool™** System. This is the installation and user manual for the GS-01 **DigiTool™** ReportsLite software package, intended for a single PC Station.

The GS-01 Software for the PC includes many advanced features provided within a user-friendly PC interface with new Icon based Toolbars and Menu driven selections.

User Restricted Access Levels –	Master or Regular User.
Programmable Features –	Multiple Users Multiple Sites Multiple Readers (Reader Lockout) Multiple Tours with Times
Built In Integrated Database –	Store all Downloaded Data Tour Reports Exception Reports Incident Reports Reader Download Reports System Hardware List Report Patrol Schedule Report Database Report
Uploading and Downloading Controls -	Program Reader Options Program Reader Date and Time Erase Reader Data (Clear Reader)

This GS-01 Reports Lite Software is included with the DigiTool Kit, and is a separate software package for advances applications.

The GS-01 Reports Lite Software provides advanced features to enable the PC to act as a central data station.

Hardware Compatibility

The GS-01 software is compatible with the existing products in the **DigiTool™** Digital Data Acquisition family of products from Rosslare Enterprises Ltd:

GC-01 - Digital iButton Reader
GC-02 - Docking Charger with connection to the PC
GC-03 - Docking Charger only
GA-01 - Location Tag (1 Location (1) iButton)
GA-02 - Event Book (10 Events (10) iButtons)

Contents of Software Package

The contents of your Rosslare **DigiTool™** Reports - Lite Kit.

DigiTool™ GS-01 Reports Lite Software CD –ROM Installer – Serial Number for one license.

The Hardware Elements

(Order Separately)

The **DigiTool™** Reports Lite Software is fully compatible with the GCK-01 Lite Kit (Which includes the GS-01 Reports Lite Software) GS-01 Reports Lite Software works with the following Rosslare **DigiTool™** Products.

DigiTool™
Digital ID Reader - **GC-01**

GC-01 is the ID Tag reader for the DigiTool system. Using this reader, data can be stored on site in a secure robust data reader, and then downloaded to the PC later for the Data Analysis and Reports

DigiTool™
Location Tag Digital ID - **GA-01**

The GA-01 Location Tag is enrolled in the PC Software, and then attached permanently to the specific remote location which needs to be monitored periodically by the DigiTool System.

DigiTool™
DigiTool Base and Charger - **GC-02**
The GC-02 DigiTool Base, Charger is the docking station and Tag Reader used for docking the GC-01

Reader when it is not in use. This serves the function on PC interconnection for uploading and

downloading the reader, as well as a charger for the reader.

DigiTool™
10-Event Wallet - **GA-02**

The Event Wallet is a compact, rugged and robust booklet consisting of 10 Event Tags, which can be programmed in the PC to represent real time events. The Reader can read off the Tags on the GA-02 event wallet.

DigiTool™
Key-Chain ID Tag - **AT-32B**

The User tag is an optional iButton ID tag placed on a key-chain type plastic housing and has applications for cases that the location involves meeting a person, and getting the feedback from that person.

DigiTool™
Leather Reader Belt-Holster for GC-01 Reader - **GA-06**

This rugged leather holster for carrying the GC-01 Reader is made of tough thick leather which will last a lifetime of regular use. The GA-06 is the ideal way to carry around the Reader for touing.

Important Information Before Getting Started !

Before you install the **DigiTool**™ System Software on your PC, you need to turn off the power to your computer, remove any serial port device from either 9-pin Serial ports. (The **DigiTool**™ system requires one free serial COM port to operate with the PC software). Plugging and Unplugging cables to your computer's serial port while the computer is running can damage the port.

This applies to installation of any Rosslare of the **DigiTool**™ System Software. (GS-01 Reports Lite or GS-02 Reports Professional)

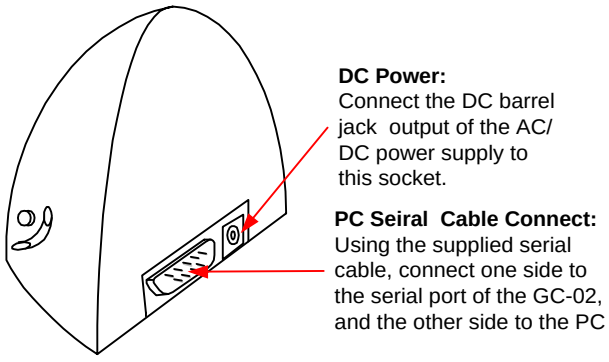
1. Turn off your computer.
2. Select a serial port (one required) and connect one end of the serial cable to the 9-Pin COM port of the PC.

Connecting the AC/DC Adapter and Serial Cable to the Docking Station

Power to the DigiTool System is a AC/DC Adapter that provides 12 Volts regulated DC Voltage, from international AC voltage. The AC/DC adapter provided from your dealer should match the type of socket and voltage of the country of sale.

1. Remove the **DigiTool**™ GC-01 Reader from the GC-02 Base Docking Station
2. Plug the AC/DC adapter to a wall outlet.
   Make sure the AC/DC Adapter has a DC 12-Volt voltage.
3. Connect one end of the 9-Pin serial cable to the port at the back of the GC-02 Base unit shown in Figure 1 below. Connect the other end to the PC serial port.

Figure 1: Connections to the **DigiTool**™ GC-02 Base


DC Power:
Connect the DC barrel jack output of the AC/ DC power supply to this socket.
PC Seiral Cable Connect:
Using the supplied serial cable, connect one side to the serial port of the GC-02, and the other side to the PC

4. Connect the 12V DC plug into the socket on the back of the GC-02 Base.

5. After the power cable is connected, make sure that the LED indicator on the front of the GC-02 is on and that the color is Orange.

   Note: Once the GC-01 Reader is placed into the GC-02 base,
   The color of the LED will change from Orange to Red (if the reader is charging)
   Or to Green (If reader is fully charged)

Once the above instructions have been followed, you will be ready to install the GS-01 PC Software on the PC, by following the instructions on the next few pages.

Installing the DigiTool™ GS-01 Software for the PC, using the Installation Wizard.

The **DigiTool™** GS-01 Software package requires software to be installed on the hard disk of the PC, and into the physical working memory of the PC.

Minimum PC- Requirements:

1) Windows ® 95/98/ME or Windows ® NT/2000.

(**Windows is a registered trademark of Microsoft Corporation, all rights reserved Microsoft)

2) CD ROM Drive

3) 16 Mb RAM

4) Serial Port (9-pin Connector) & 1 Free COM Port.

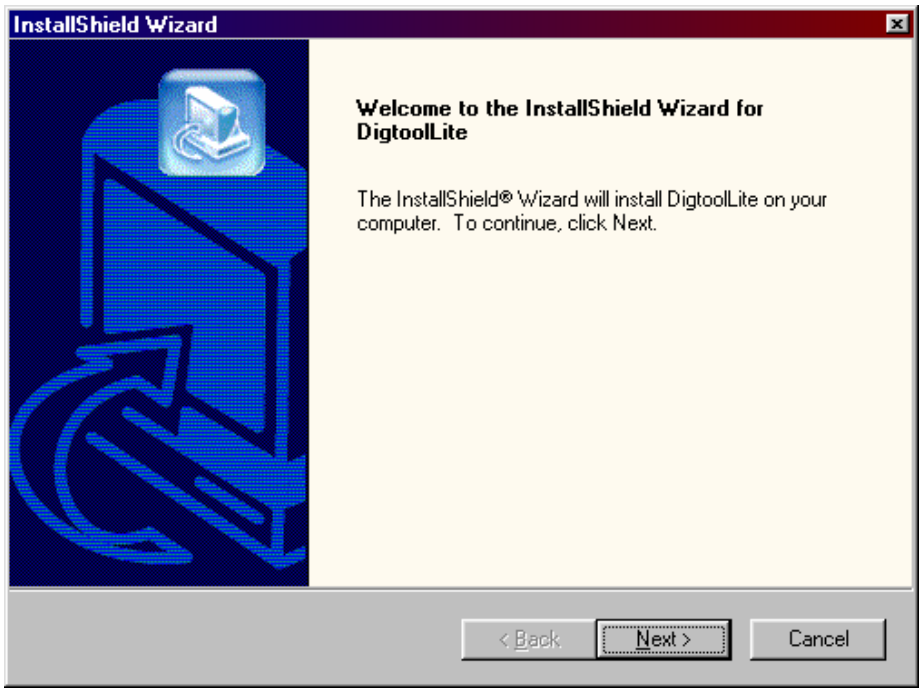
5) Approximately 20 Mb Hard Disk Space

Installing the Software on the PC – Use the Wizard:

The installation of the **DigiTool™** GS-01 from the CD-ROM is a mostly automated process done by a smart installer program.

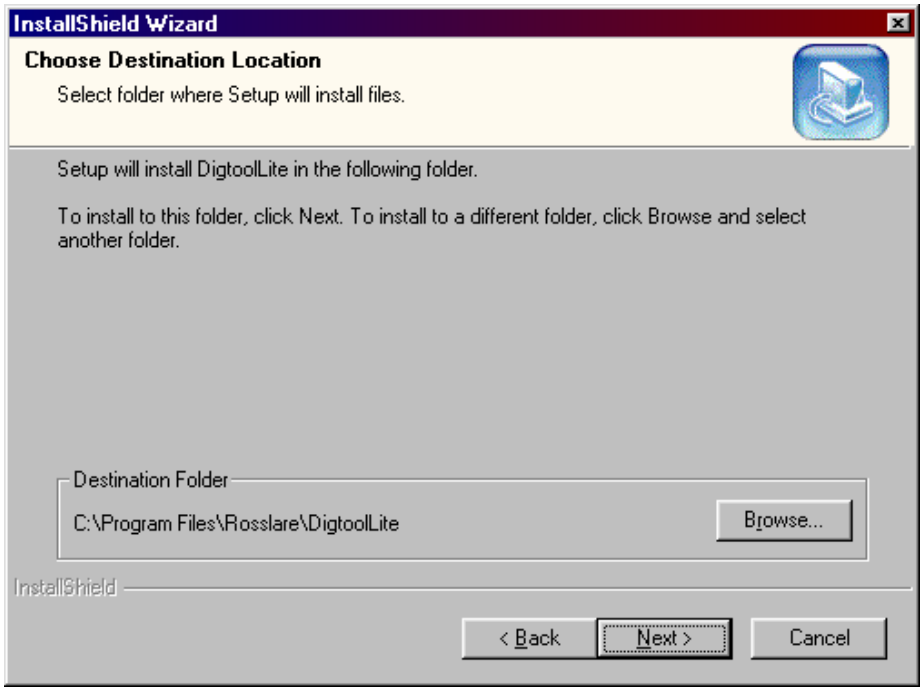
1) Place the CD-ROM in the CD-ROM Drive and open the drive window on the screen.

2) Find the file named Setup.exe and double click on the icon.


InstallShield Wizard
Welcome to the InstallShield Wizard for DigtoolLite
The InstallShield® Wizard will install DigtoolLite on your computer. To continue, click Next.
< Back
Next >
Cancel

Follow the onscreen instructions of the installation program, to specify all of the directories and features for your installation. Click on the "**Next**" button to continue with the installation of the program.

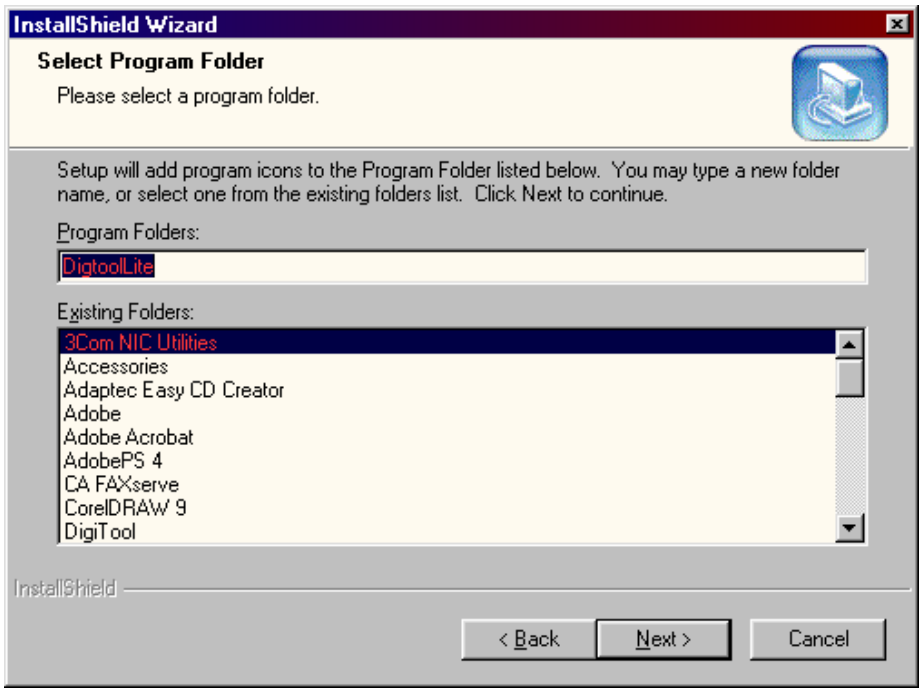
3) The program will prompt you to enter the location of the installation, default is c:\Program Files\Rosslare\DigiToolLite. Select the directory.


InstallShield Wizard
Choose Destination Location
Select folder where Setup will install files.
Setup will install DigtoolLite in the following folder.
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.
Destination Folder
C:\Program Files\Rosslare\DigtoolLite
Browse...
InstallShield
< Back
Next >
Cancel

Click "**Next**" to accept the default location for the installation, otherwise, you may use the BROWSE…button to specify your own custom location for the program files and database to be placed on your PC.

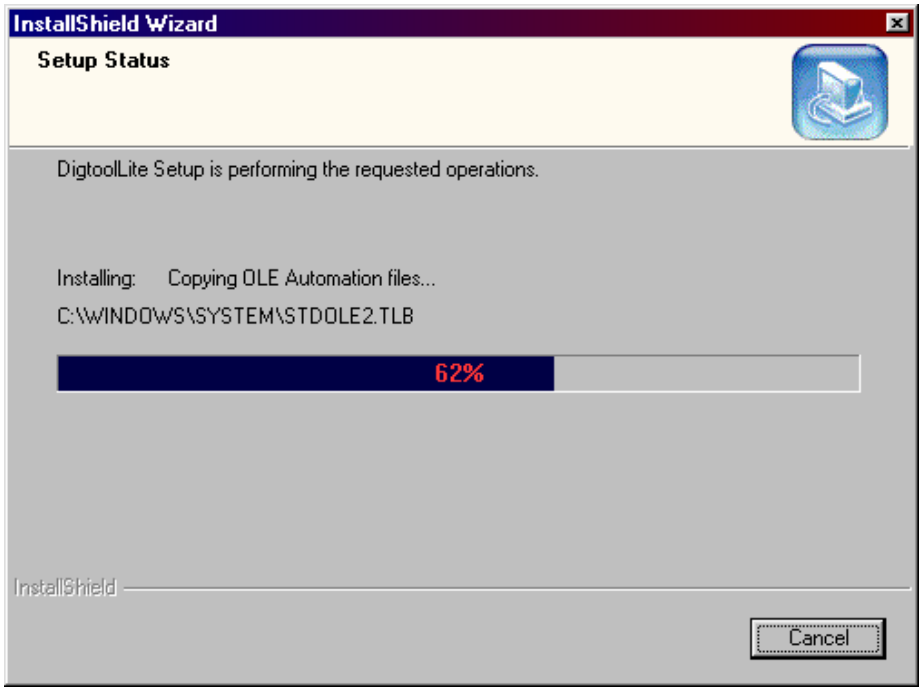
4) Confirm all installation settings by following the instructions on the screen when prompted.

The installation will create a directory, and copy all program files into the selected directory and create the **DigiTool**™ Icon on the Windows START menu.

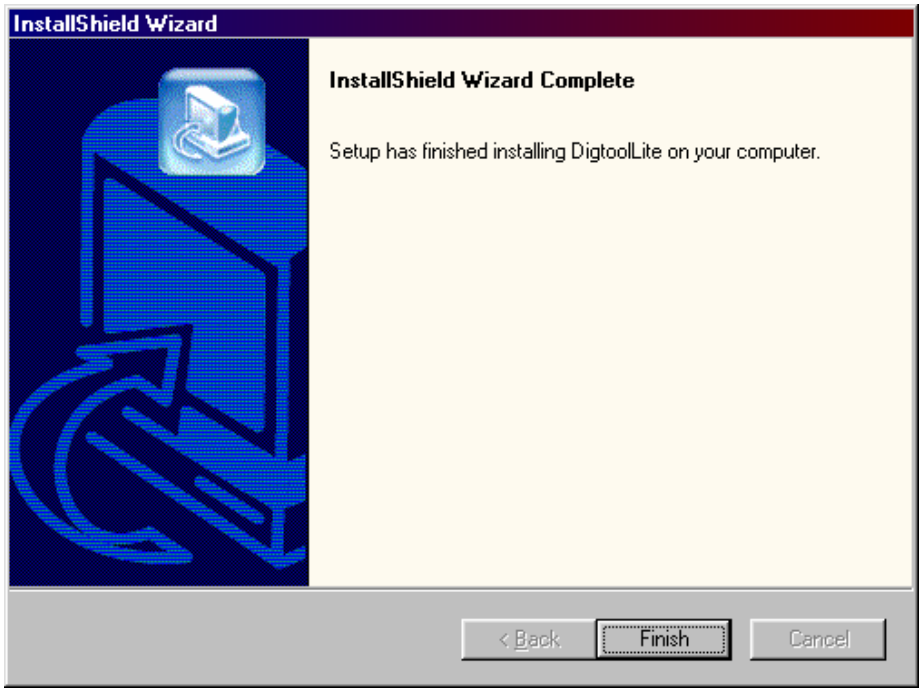


In the next screen, select the name of the software to be used from your Windows START menu button, on the Program Folder Menu. You may select a New Name, or Keep the Default name by pressing "**Next**".

5) The installation process will continue on the screen after all of the settings and options for the installation have been entered. This is shown on the screen as a progress-bar, with the work in progress shown on the upper left side of the screen.



At The end of the installation process, the PC Screen will confirm the installation is complete.



Click the "**Finish**" button, to confirm and return to Windows.

The GS-01 Software package is now installed onto your PC, and is ready to be executed.

Running the Software on the PC

Loading the GS-01 DigiTool™ Reports Lite Software for the first time:

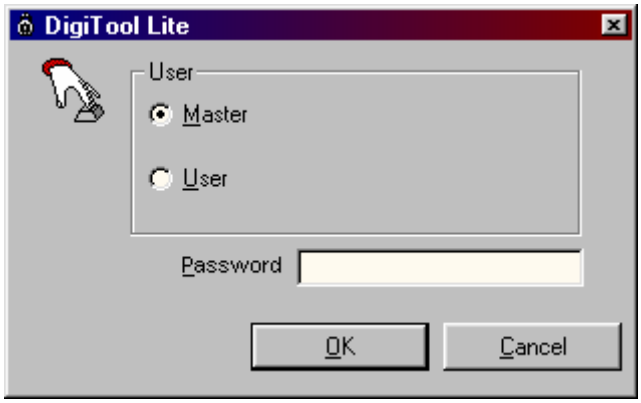
Once the installation process is complete, you can run the program by double clicking on the DigiTool ReportsLite icon on the desktop, or from the START menu in windows, by going to the Programs menu, and selecting **DigiTool™** Reports Lite.

After initiating the program, the PC will load all databases and the following screen will be shown on the PC. This is the main screen for operating the Reports Lite Software.

NOTE! Make sure that all of the hardware is connected to the PC and that the Power to the hardware is supplied, otherwise there will be no connection possible

Logging In using the default Passwords:

In order to enter the Reports Lite Software, it is necessary to present a valid user name and password. This feature is programmable from within the PC Software.



Select the User for logging in, either MASTER or standard USER, and use the default Login passwords to access the program.

Master User : Default Password is [master]
Regular User: Default Password is [user]

Press the "**OK**" Button, and you will enter the main screen. Pressing "**Cancel**" will exit the program.

Entering the wrong password or user name will result in a failure message and a repeat attempt can be made.

Press the "**OK**" Button, and make another attempt.

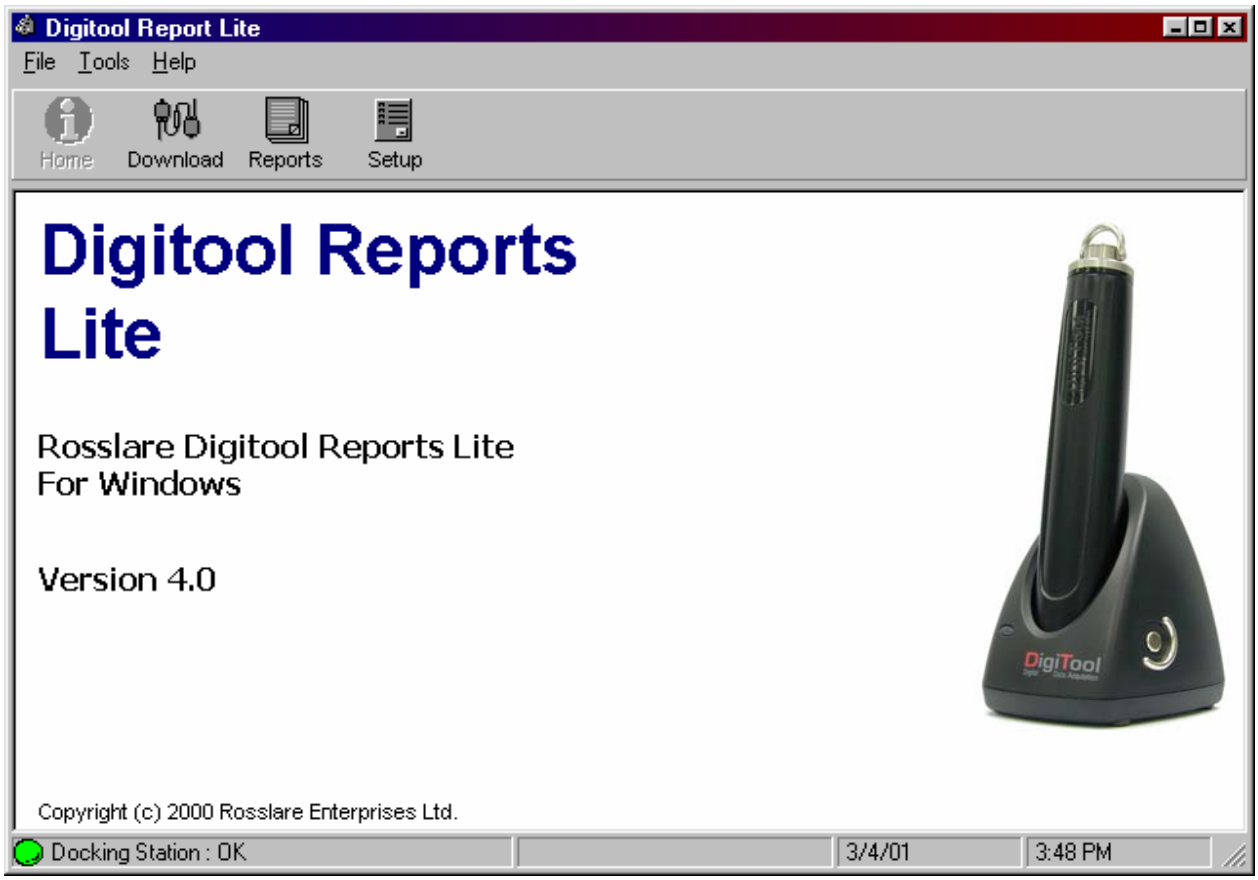
	Options	Download	Erase Reader	Archive Database	Programming	Reports
MASTER:	Yes	Yes	Yes	Yes	Yes	Yes
USER:	No	Yes	Yes	No	No	Yes

Getting to the Main Screen:

Upon the valid password, you will enter the main operations screen of the software. Depending on the security access level of the user logging on (MASTER / USER) the Reports Lite Software will allow different levels of use.

These instructions are MASTER instructions and include all features of the software.

From this main screen, it is possible to access all of the functions of the Reports Lite Software package.



The first time the program is executed, all of the settings are at default, and it is necessary to customize and install the elements of the system. This requires a set-up period to program all of the necessary customization you will need.

The initial setup process time is relative to the size and type of application for the end-user, and therefore depends on the number of users, locations, sites, events, etc.

Follow the setup instructions, systematically.

Define and teach the buttons to the system for USERS / SITES & LOCATIONS / EVENT WALLETS and EVENTS and TOUR SCHEDULE & Location Planning.

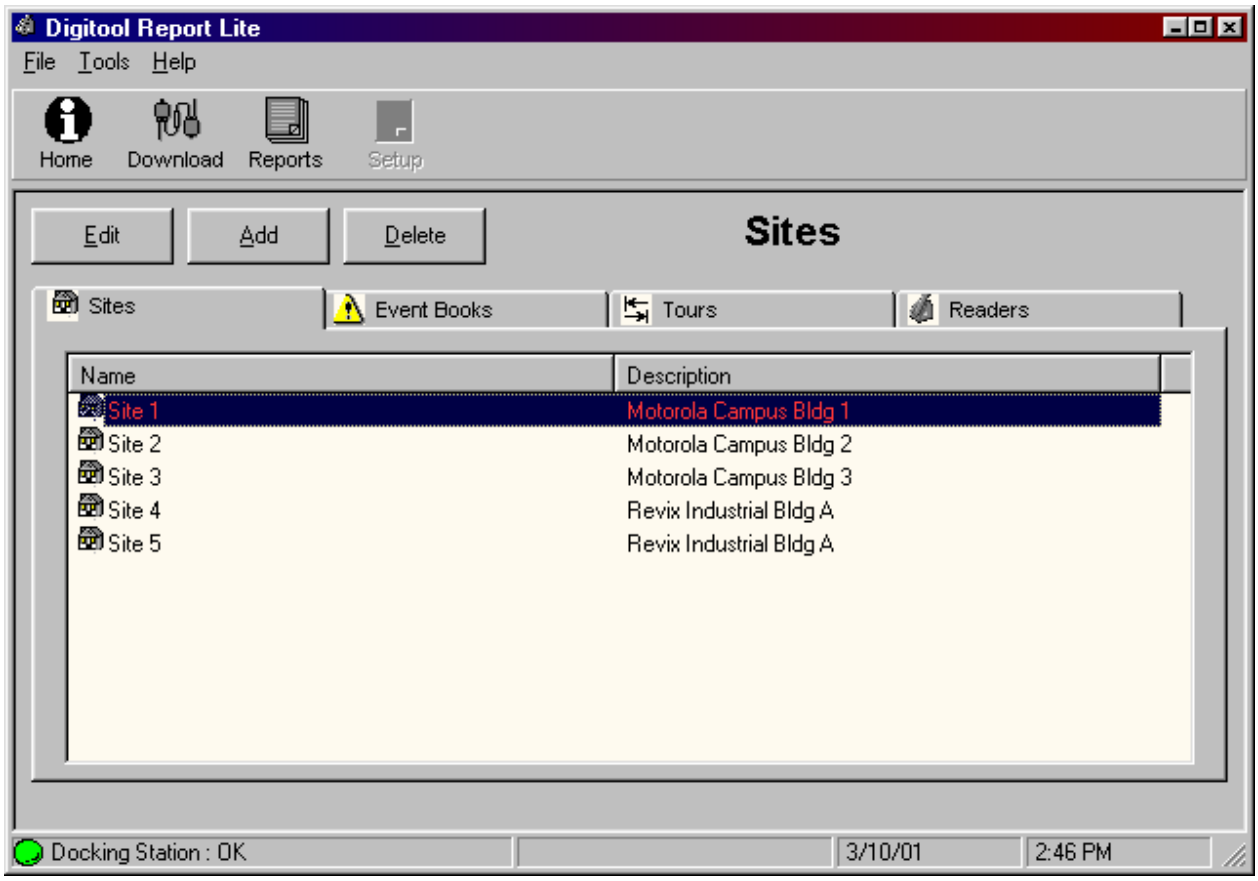
Setup Process / Step 1 – SITES

(This function can be programmed only by the MASTER login password)

SITES & LOCATION TAGS

The GS-01 PC software enables the locations to be arranged in-groups of Sites. For example, a Site can be a Large Building, and the Locations can be held within that building. Setting up the sites is done in the Setup Menu, where there is a tab labeled "Sites" when this tab is selected (By clicking on the tab with the mouse pointer), then you can ADD, EDIT or DELETE sites.

The Sites are defined in the left side of the screen in the Sites directory.



By selecting the Sites Directory (by clicking once on the "Sites" heading) the left side of the screen will show the Sites List.

ADDING A NEW SITE

Click on the "***Add***" Button, and a new site will appear under the sites list.

This is the ADDING NEW SITE screen. Fill in the form and the notes for a particular site. In this form, you will be able to include all necessary information that will later be used in making reports.

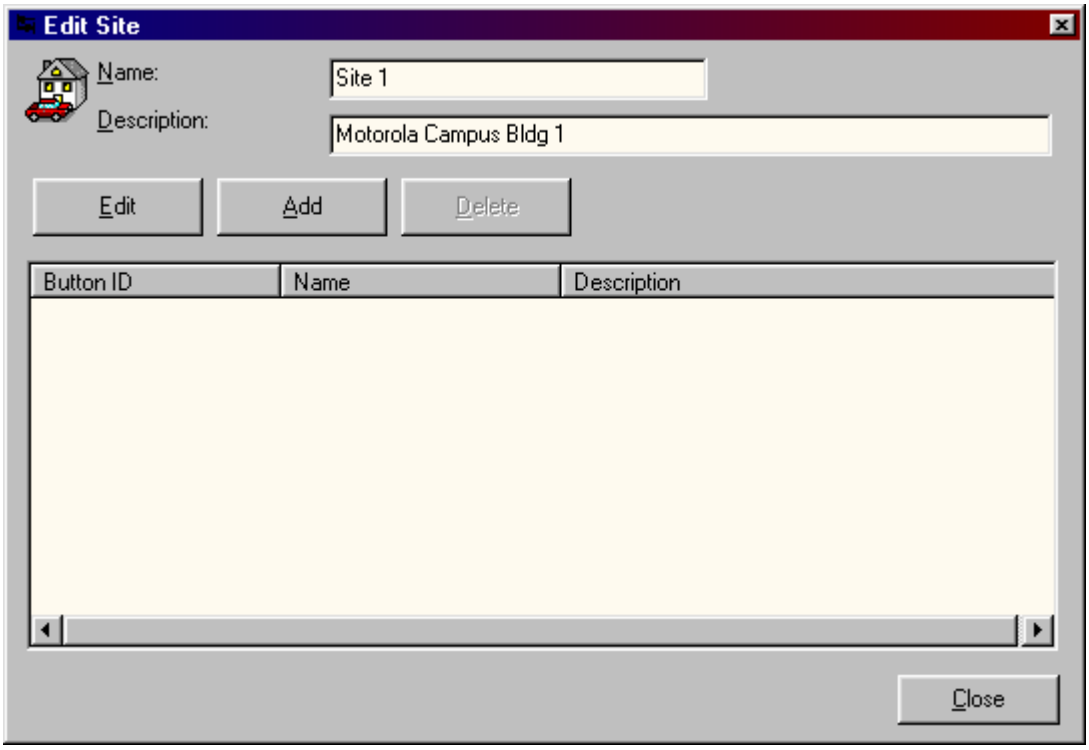
Within a SITE, there are locations. Please see the next section of this manual to learn how to Program Locations.

EDITING INFORMATION OF AN EXISTING SITE

From the Site List, select a site by clicking on the site name. The indicator arrow will point to your selection.

Click on the "***Edit***" Button, and the following screen will come up.

Once a Site is selected to EDIT, then you will have a chance to Rename the Site name to a more appropriate name, and enter a description for the site in the fields provided.



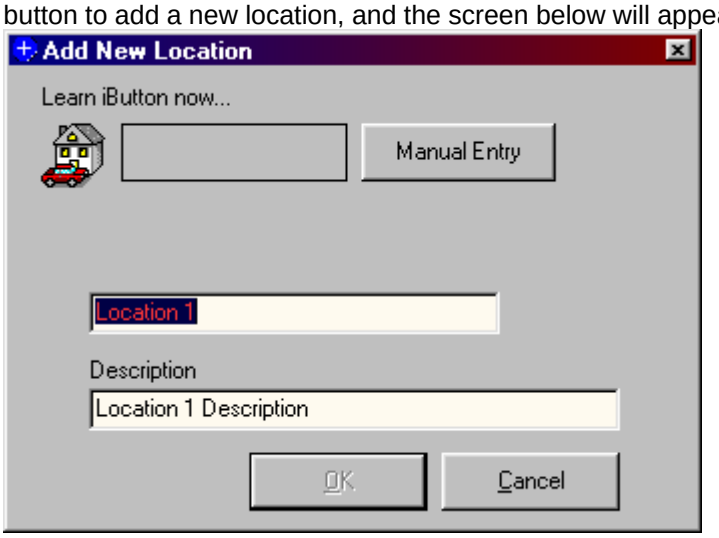
See the Example Below for EDIT Site.

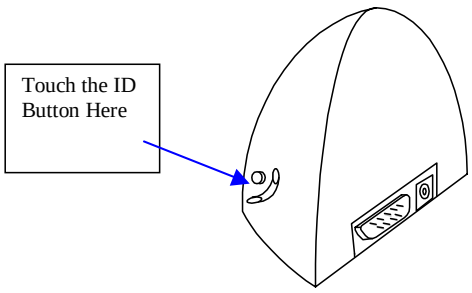
When you are in the EDIT Site menu screen as shown above, you can add each of the locations that are within that site to the PC. Adding a location involves selecting pressing the ADD button on the Site Screen.

ADDING / EDITING or DELETING A LOCATION WITHIN A SITE:

Within a site, there are locations that are each assigned GA-01 Location tags. Each Location tag is placed in a single location and is used as a marker for any type of event observation at that location.

Adding a new location to the site will mean that the location is within the particular site. Press the ADD button to add a new location, and the screen below will appear.

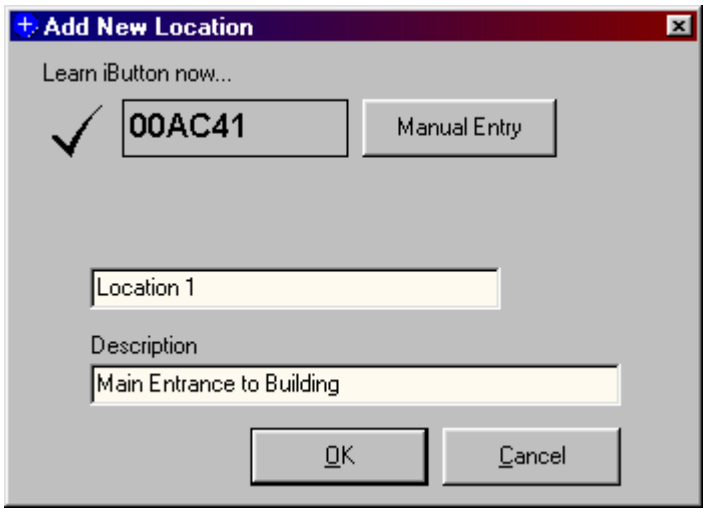




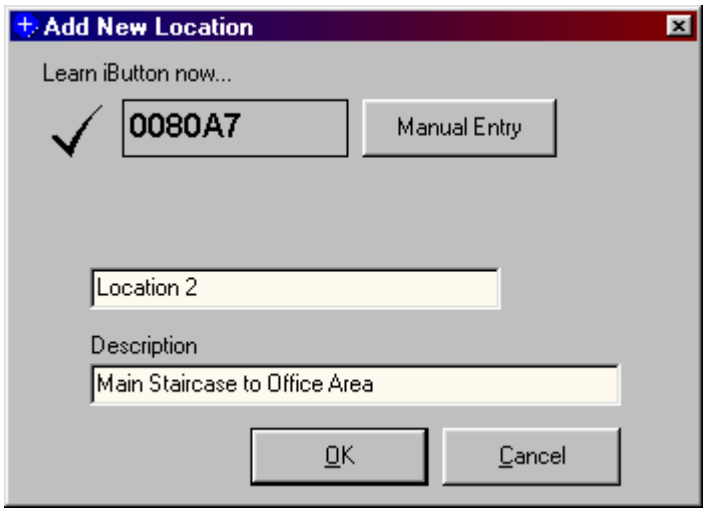
Make sure that the Reader has been removed from the Docking Base. Teach a new location tag (make sure that it is not already used for another site), to the PC by contacting it to the Tag reader on the GC-02 base which is connected to the PC.

For Manual Entry of the Tag ID, press the “Manual Entry” Button on the above screen, and you will be able to type in the ID tag as read off of the ID button.

As soon as a valid Location Tag has been presented to the GC-02 base, you will see that the software accepts that location to the system



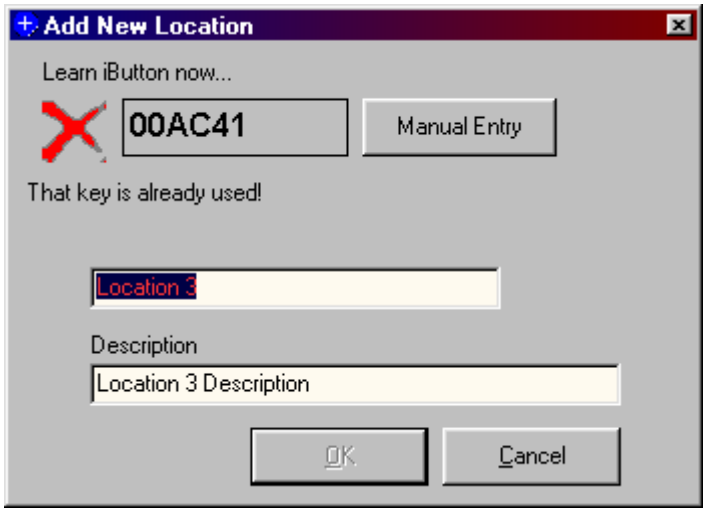
You may now enter any custom data to the location such as its Name and Description. In the above example, the location tag has been read into the system, and only by pressing the "OK" button will the entry be made into the database.

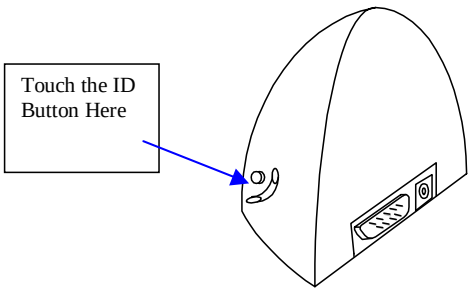


Repeat for all additional locations within this Site.

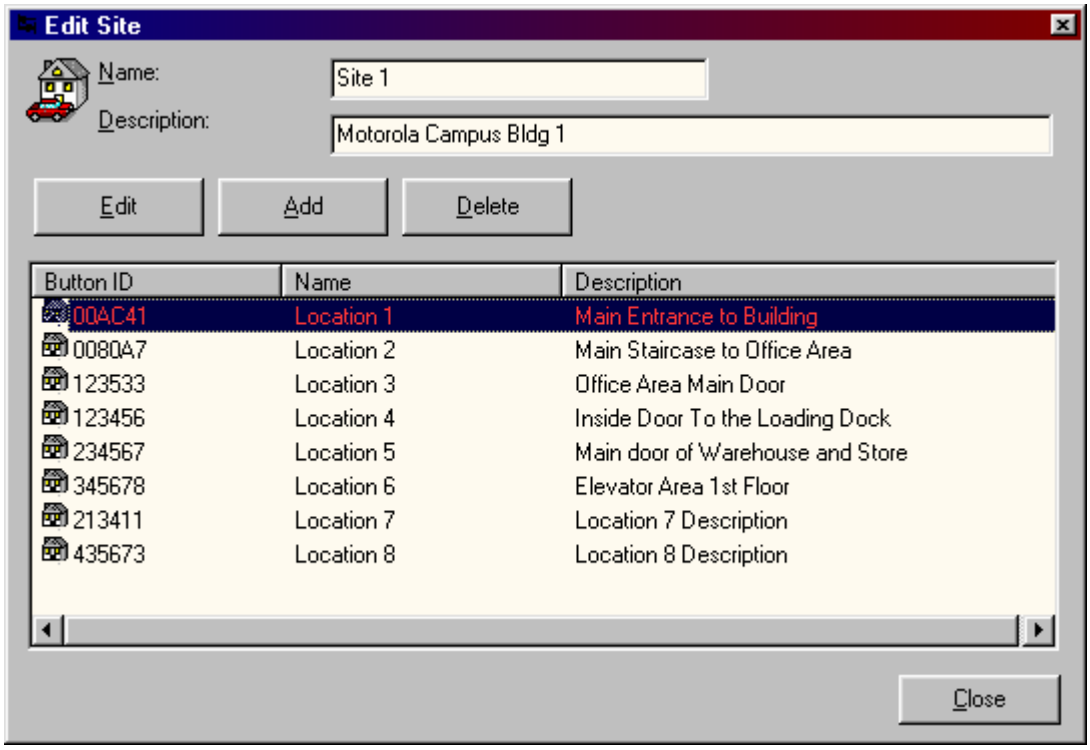
IN CASE A LOCATION TAG HAS ALREADY BEEN USED:

If you should present a previously learned location tag, the GS-01 Software package will alert you by showing the following screen. Try to present another unused tag and the GS-01 will accept it.





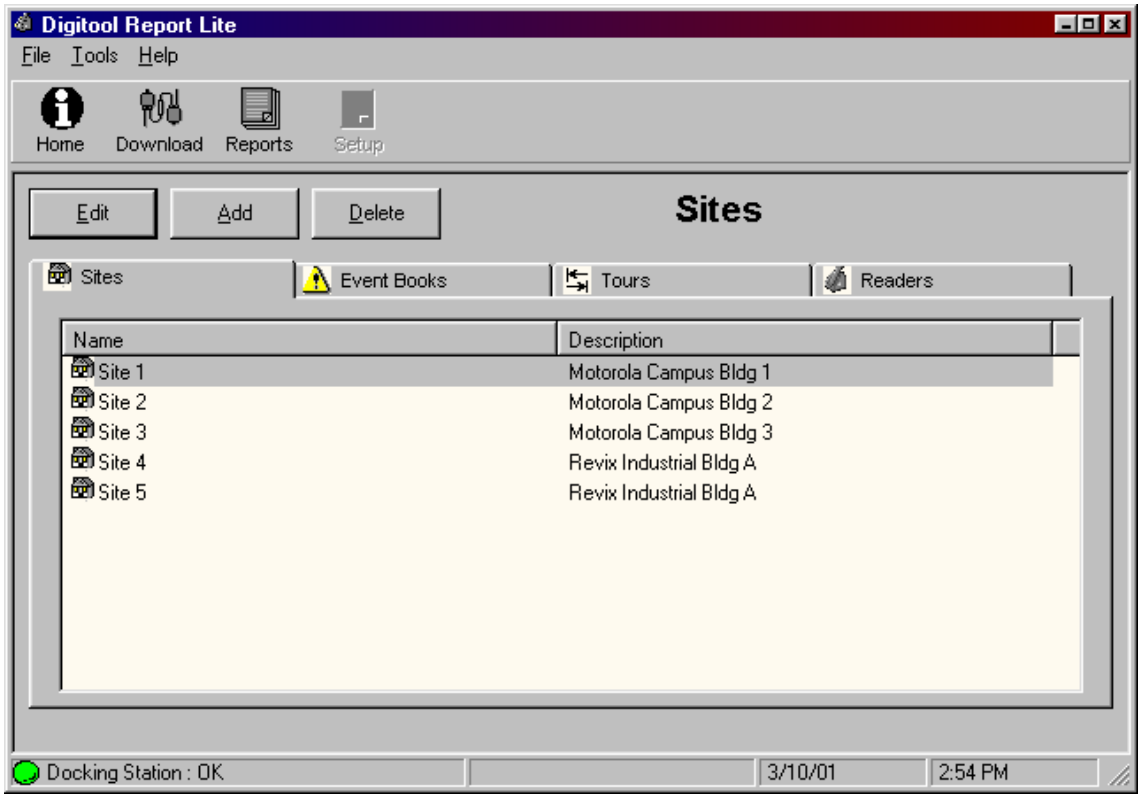
After you have set up a Site, the GS-01 will show all of the information within that Site, if you go to the EDIT/SITE screen. In the following example screen, the following site was set up.



As you can see above, there were 8 locations set-up on the site which were entered into the database.

Setting up the Sites and Locations:

The Setup process of the sites and the locations is the first step which needs to be done before using the GS-01 Software, and before mounting any of the location tags to their actual physical Locations.



The entire system can be tested within the office, once all of the setup steps are completed, and during this test time, the PC software and hardware can be tested and training can be done. Please make sure to label the locations appropriately with numbers or names of the locations, so that once the software is set up, the correct location tag can be permanently mounted at the correct location.

Note on Location Tags:

Rosslare's Location Tags Model GA-01 are designed to be used with the DigiTool System. The GA-01 Location Tag comes with a two piece plastic Snap-On housing which is used to house the iButton Chip Tag rigidly in its place.

The GA-01 base with the tag can be mounted onto hard surfaces with up to four screws and added channels for using EPOXY glue. Once the locations are enrolled in the GS-01 computer software, and are in the system, they can be mounted onto the location where they are intended.

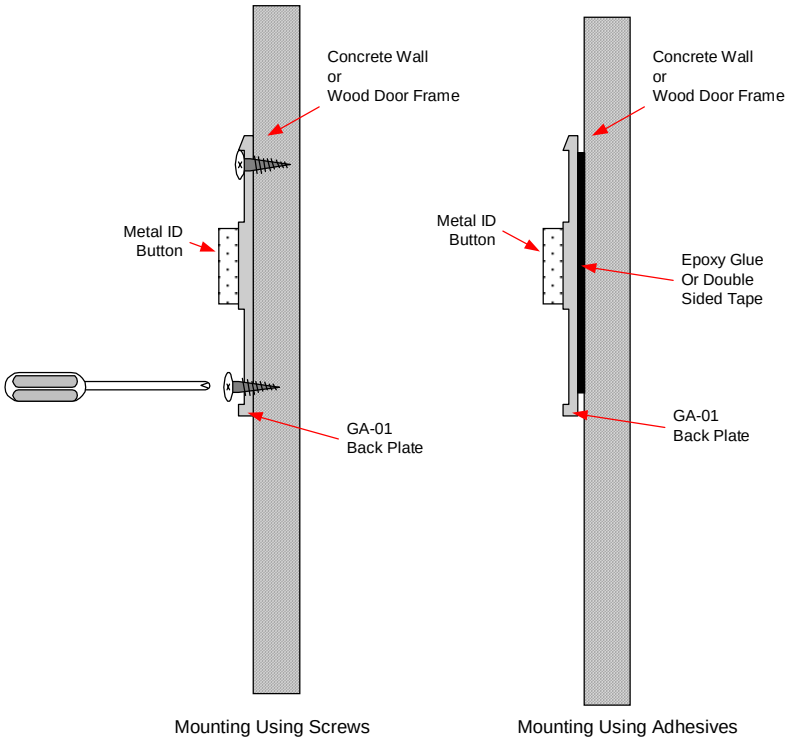
The GA-01 features a thick plastic top cover, which hides the screws and protects the iButton Chip Tag from damage by protecting the perimeter of the tag. Place a label on the top cover if desired.

GA-01 Back **GA-01 Cover** **GA-01 Mounted**

The GS-01 can learn thousands of locations and is not limited to any number of sites. Therefore it is important to order your additional tags ahead of time while planning for the site construction.

Mounting the GA-01 Location Tags:

The location tag can be mounted on various places depending on the application;
For Guard Patrol Touring, it can be mounted on walls, doorframes, and elevators... For Loan Items, and Rental Equipment, the GA-01 can be mounted on the item itself, on Shelves or Parts Bins for inventory control. Mount at the location of a production process for process control.



Mounting Using Screws Mounting Using Adhesives

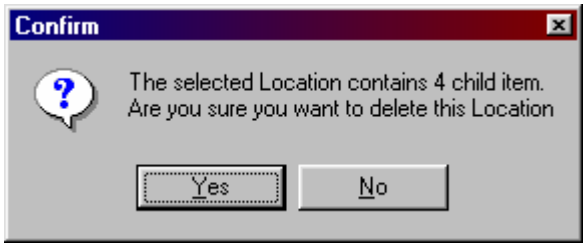
To mount the GA-01, three processes can be used; 1**) Epoxy Glue** 2) **Adhesive Double-sided Tape** 3) **2-Screws** (Standard) and **4-Screws** (Optional-needs drilling).

Deleting an Existing Site (And all locations within)

From the Site List, select a site by clicking on the site name. The indicator arrow will point to your selection. Note the GS-01 Software will let you delete a site even where there are several locations within that site.

Once the site and the locations within are deleted from the software, they can be removed from the locations and re-used when setting up any additional sites.

To remove a site, go to the Sites tab on the setup screen and Click on the "***Delete***" Button, and the following screen will come up.

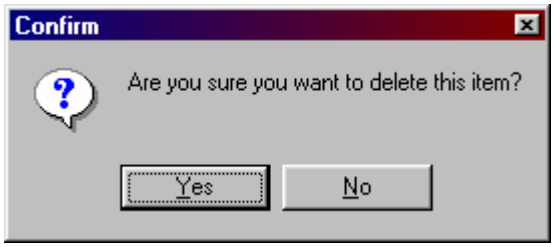


Click on "***YES*** " to approve deleting the site, or press the "***NO***" to abort.

Deleting an existing Location within a site.

In the site menu, Edit any site by highlighting it and clicking on "**Edit**" this will show the contents of the locations within the site, which are programmed into the software. You may wish to delete a Location and change the Tag or to change the location, therefore you can delete the individual location, and re-use the GA-01 location tag for another location.

First Select the user by clicking on the location to delete. The Arrow marker will shift to indicate the selection. Click on the "***Delete***" Button, and the following screen will come up.



You will get a warning screen as shown above, which will ask for
A confirmation to delete the location.

Press the "***YES***" Button to confirm or "***NO***" to Abort.

Below is a list of some typical Location Names and descriptions for various applications.

Typical Name for Tags:

Application	Name for Start Event
1) Guard Touring	Location 1: Front Entrance Location 2: Rear Entrance Location 3: Parking Lot A Location 4: Parking Lot B Location 5: Warehouse Location 6: Lift Lobby etc....
2) Process Control	Process 1: Injection Process 2: Flash Removal Process 3: SMT Assembly Process 4: Insertion PCB Process 5: Wave Soldering Process 6: Assembly Line Process 7: Packaging etc....
3) Inventory Control	P/N 2022-3321A IC's P/N 3233-1102C RAM IC P/N 3423-3333A Antennas P/N 3043-3303A IC's P/N 2322-3432A Testers etc...
4) Service& Maintenance	Ser No. 233243 Computer Ser No. 33-323-22 Copier Ser No. 650303 Photocopier etc...

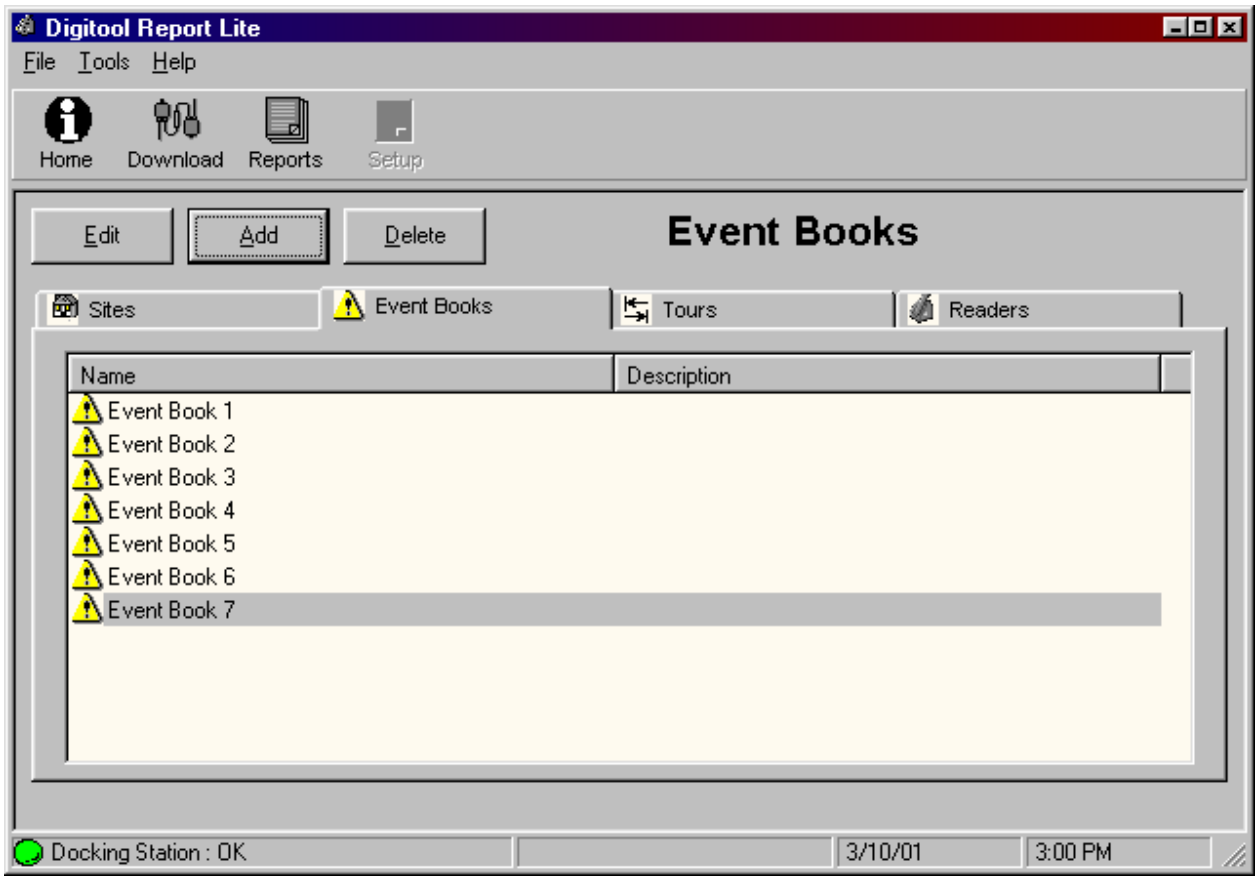
Setup Process / Step 2 – EVENTS

(This function can be programmed only by the MASTER login password)

Event Books and Events

The GS-01 PC software enables the EVENTS to be arranged in-groups of EVENT Books. For example, there may be an event wallet for a standard search, and another wallet with specified search.

This function enables the system to co-operate even when using several wallets. The EVENT WALLETS are defined in the main setup screen the screen in the EVENT BOOKS tabs.



From this setup tab on the main setup screen, you can ADD/ DELETE and EDIT your event books, as well as the event tags within them. By pressing the “Add” button on the screen, the GS-01 software will add a new Event Book.

To DELETE an existing event book from the software, highlight the desired Event Book on this screen, and click on the “**Delete**” button.

To modify any of the Event Books, for registering the new events within each book, you can highlight the desired Event book on the screen, and click on the “**Edit**” button.

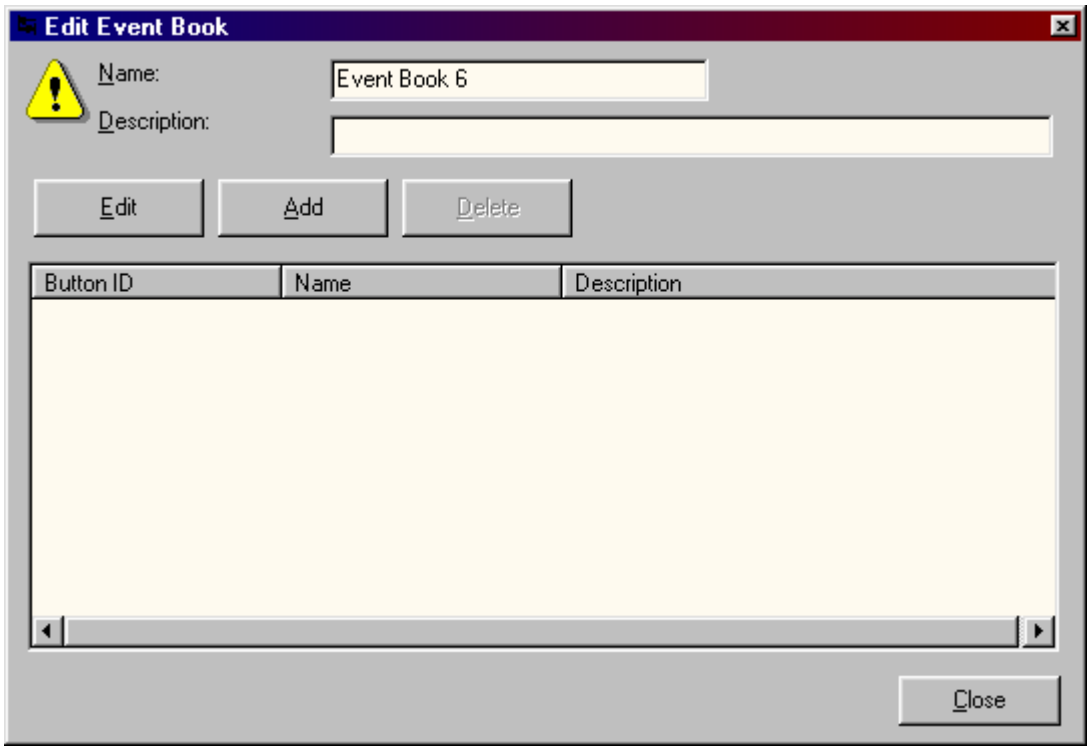
Adding a New Event within an new Event Book

The following screen shot from the software, shows the contents of an Event Book (In this example, Event Book 6 is being shown). By editing an event book, you can modify the names of the events and modify the name of the event book.

Such features, enable you to quickly set up the desired Events.

Name: Event Book 6 (Default for the 6th added Event Book)
Description : List your description for the function of this event book. Such as Guard 1,2,3,4.. etc..

The Event book below is empty and there have not been any events added to it. The event tags are mounted on the GA-02 Event Book, or Wallet, which contains 10 iButton Code Tags mounted inside Plastic holders inside the Event Book.



Each of the iButton Code Tags should be assigned as an Event in the system and the tags taught and described in the system.

Velcro Loop and Hook Closure

Dallas Semiconductor Coded Button Snaps in

Dallas Semiconductor Magnetic Code button is installed in the book.

Buttons are mounted on a plastic and are removable.

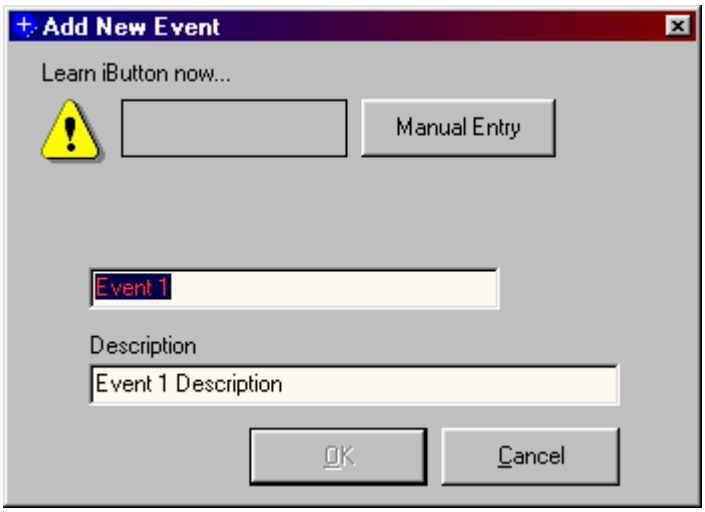
Location for sticking a label of the event type.

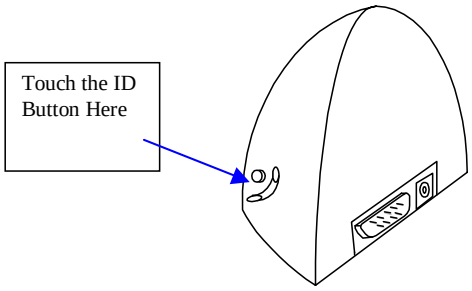
Heavy Duty and Rugged PVC Material Exterior.

GA-02 Event Book

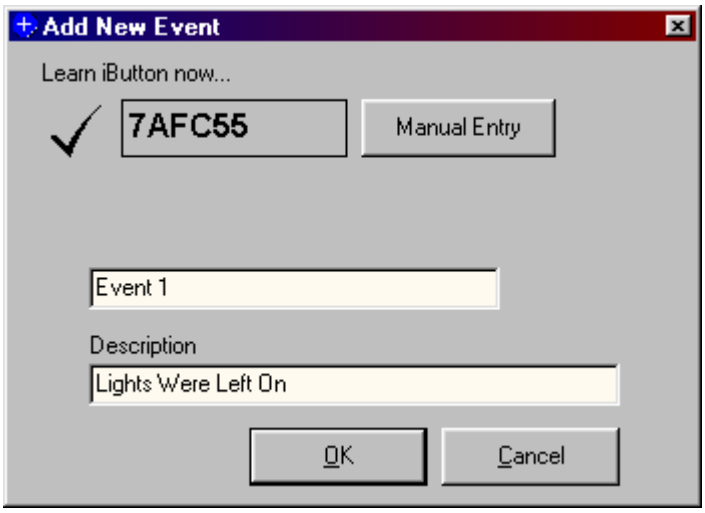
You add new events by clicking on the “Add” button on the screen, which will add a new event, and require to learn an new iButton Code Tag from the GA-02 Event Book Above.

Clicking on “Add” will present the following screen.

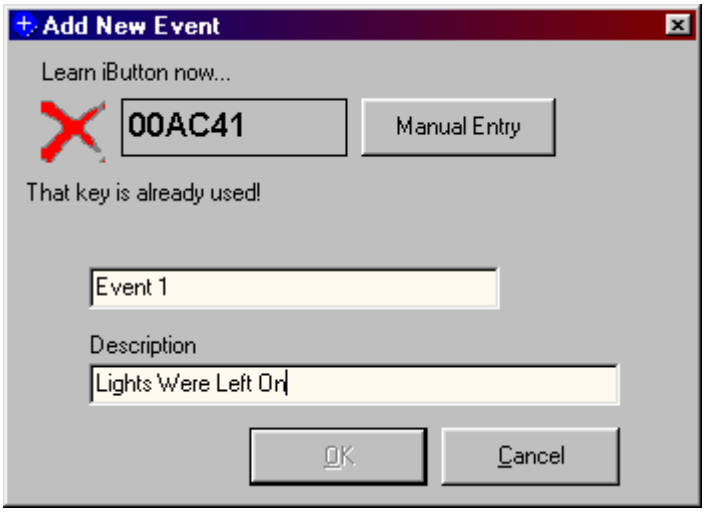




When this screen is showing, you can present the appropriate ID Tag to the Docking station reader (Make sure the Reader is Un-docked). Also on this screen you can edit the name of the event to be assigned to that tag. After presenting the tag from the GA-02 Event book, the tag will be read.

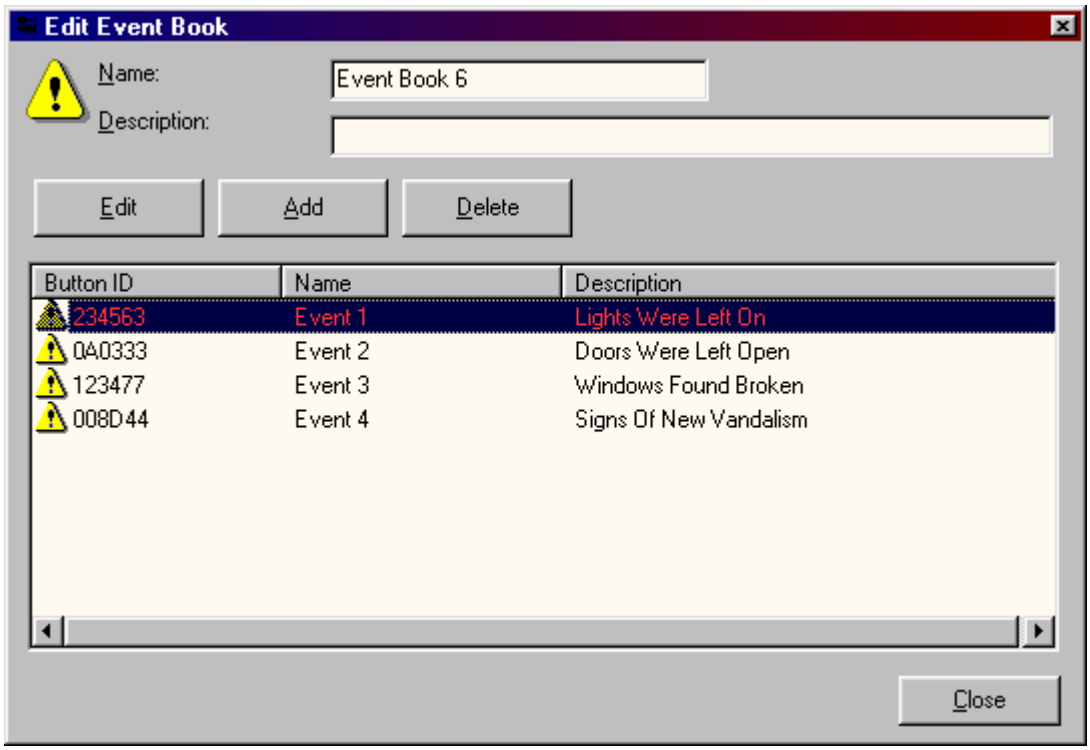


In case the tag has already been used by any other Event, then you will see the following error message. You can proceed to present another tag at this point until the new entry is accepted.



After adding the Event Book to the PC and defining and adding the tags within the event book, Your new event book will be shown on the screen as follows.

The following Event book has had 4 Events programmed, and the User has names and described the Event book in the top two lines of the screen below.



To add a new Event, click "**Add**"

To Delete an existing Event, highlight the event with the mouse, and click "**Delete**"

To Edit an existing Event, highlight the event with the mouse, and click "**Edit**"

Note on Events Book Set-Up Process:

On the GS-01 Software, you can add Multiple Event Books onto the system, depending on the number of Patrols being performed simultaneously. There can be unlimited number of event books on the system, with an unlimited number of events per event book used in the software.

Each Event book can be used across the multiple Sites that are being monitored, and with multiple readers at the same time.

Event books can be set up according to the different applications, such as a Day Time Tour Events, a Night Time Tour Events Book or an individual Event Book for Every Security Patrol Guard.

This is a versatile section of the **DigiTool™** System. Below is a list of some typical Event Names and descriptions for your information.

Typical Name Assignments for Event ID:			
Application	Name for Start Event		
1) Guard Touring	Event 1: Lights Left On Event 2: Door Left Ajar Event 3: Windows not closed Event 4: Vandalism / Event 5: Called The Event 6: Security Event 7: Fire Hazard etc....	3) Inventory Control	Event 1: Physical Count OK Event 2: Computer Balance Event 3: Materials Event 4: Materials Shortage Event 5: Materials Surplus Event 6: Improperly Event 7: Bad etc....
2) Process Control	Event 1: Process In Event 2: Process not Event 3: Retrain Event 4: Balance the etc....	4) Service&	Event 1: Replaced the Oil Event 2: Tuned the System Event 3: Cleaned etc....

Setup Process / Step 3 – TOURS

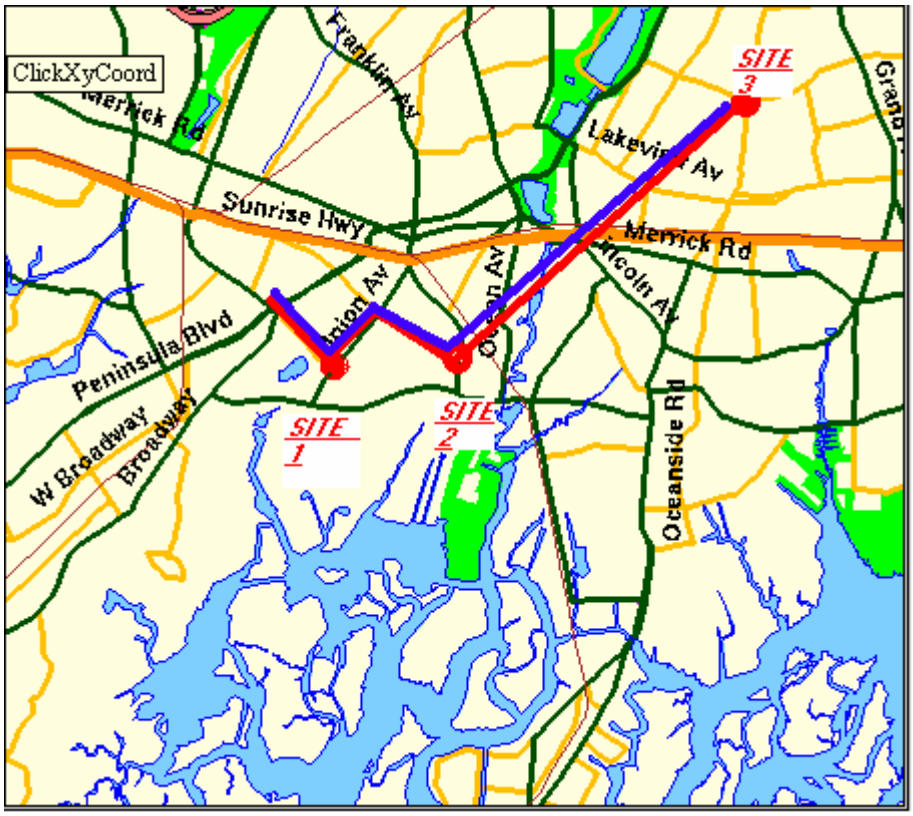
(This function can be programmed only by the MASTER login password)

Tour Scheduling and Operation

Touring is a special feature of the **DigiTool™** ReportsLite Software. Inside the software, the Master can setup a Tour, which is actually a schedule for checking different sites during any 24 Hour.

Set-Up of a new tour requires creating a NEW tour, and then configuring all of the Sites and Locations to visit, and the time tolerance between each point.

This enables the Central Station to have a pre-made schedule for the tours, made in advance and provided to the user to make the rounds according to the tour instructions.

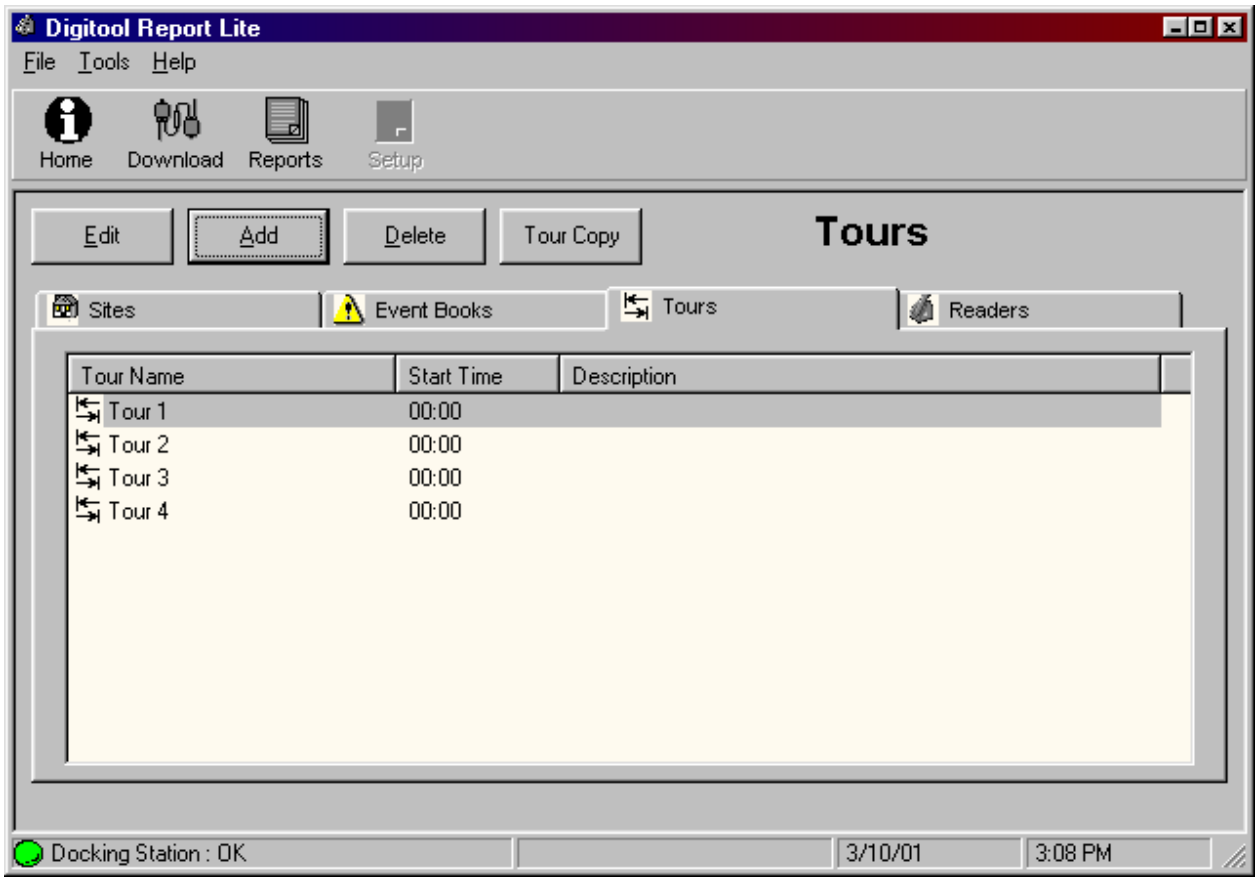


In the above map GIF, the tour is scheduled for three sites, Site 1, Site 2, and Site 3.

Within each site, the tour can consist of specific locations that are necessary to visit by the patrolling security guard.

Adding a New Tour Route:

Go to the Set-Up menu and select the “TOURS” tab on the screen, on the PC Software.



To add a new tour to the system, click on “Add”, and this will present a new tour on the screen. Default names for the tours are Tour 1, or Tour 2, or Tour 3.

You have now created a new tour, which you will need to set up the tour.

To Edit a tour, highlight the tour by clicking once on the desired tour, then you need to click the “Edit” button

Customizing a tour is the next step. This involves knowing the following information before beginning:

TOUR START TIME
TIME INTERVAL BETWEEN SITES (TRAVEL TIME by CAR)
TIME INTERVALS BETWEEN LOCATIONS WITHIN THE SITES

Start Time

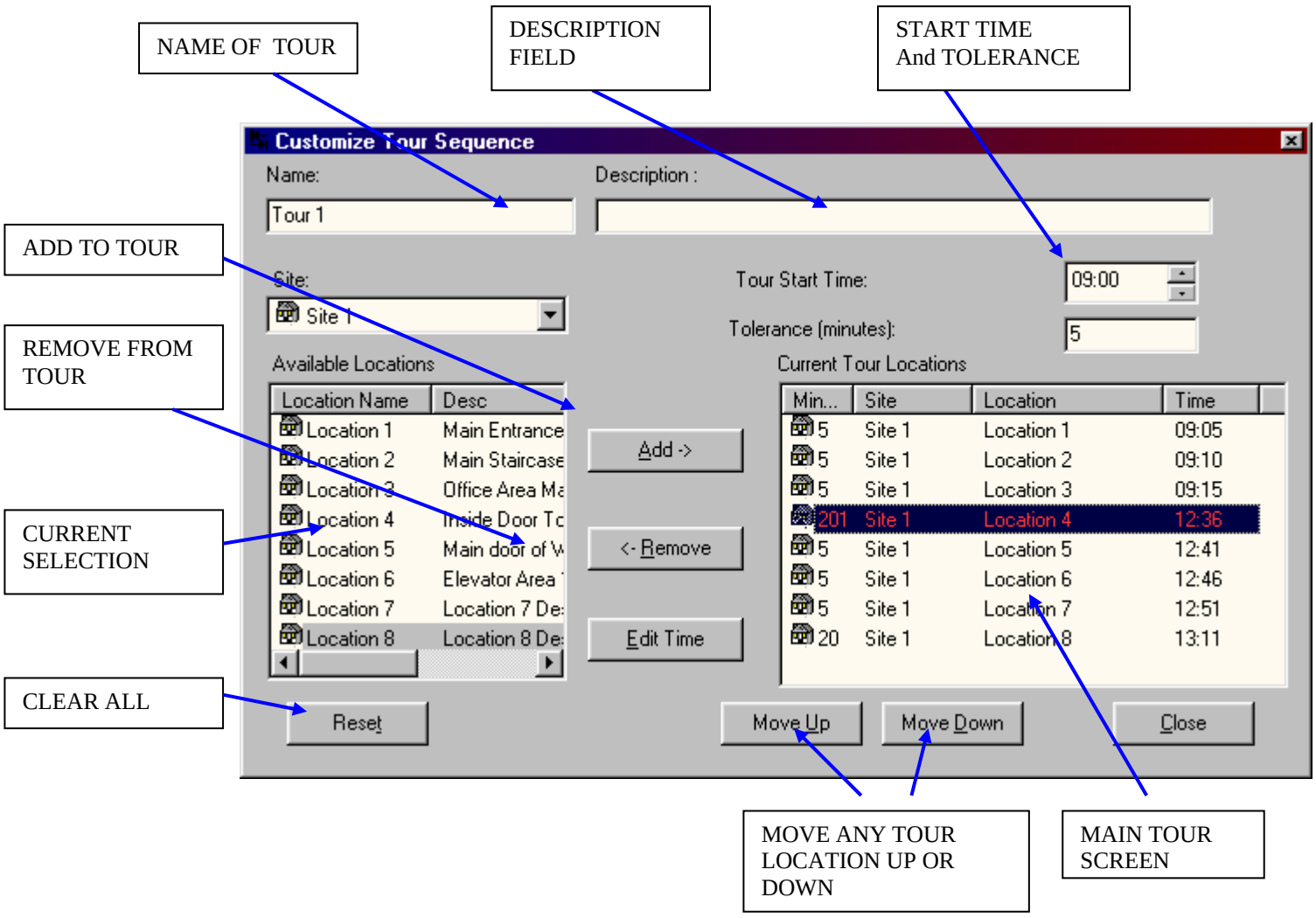
Location 1 (Step 1)	Target Time
Location 2 (Step 2)	Target Time
Location 3 (Step 3)	Target Time
Location 4 (Step 4)	Target Time
Location 5 (Step 5)	Target Time
Location 6 (Step 6)	Target Time
Location 7 (Step 7)	Target Time
Location 8 (Step 8)	Target Time
Location 9 (Step 9)	Target Time
Location 10 (Step 10)	Target Time
Location 11 (Step 11)	Target Time

End Time

Adding a New Tour Route:

Customizing (Editing the Tour) involves programming the schedule for the tour and the route to follow into the PC software, so that the tour schedule can be generated and printed.

As well a pre-defined tour schedule is essential for printing reports such as tour reports, schedules, or tour exceptions, which are very useful.



Highlight the tour to edit and click on “Edit” button on the GS-01 Software. The screen above will appear on the PC screen, which lets you configure all of the settings.

For Example:

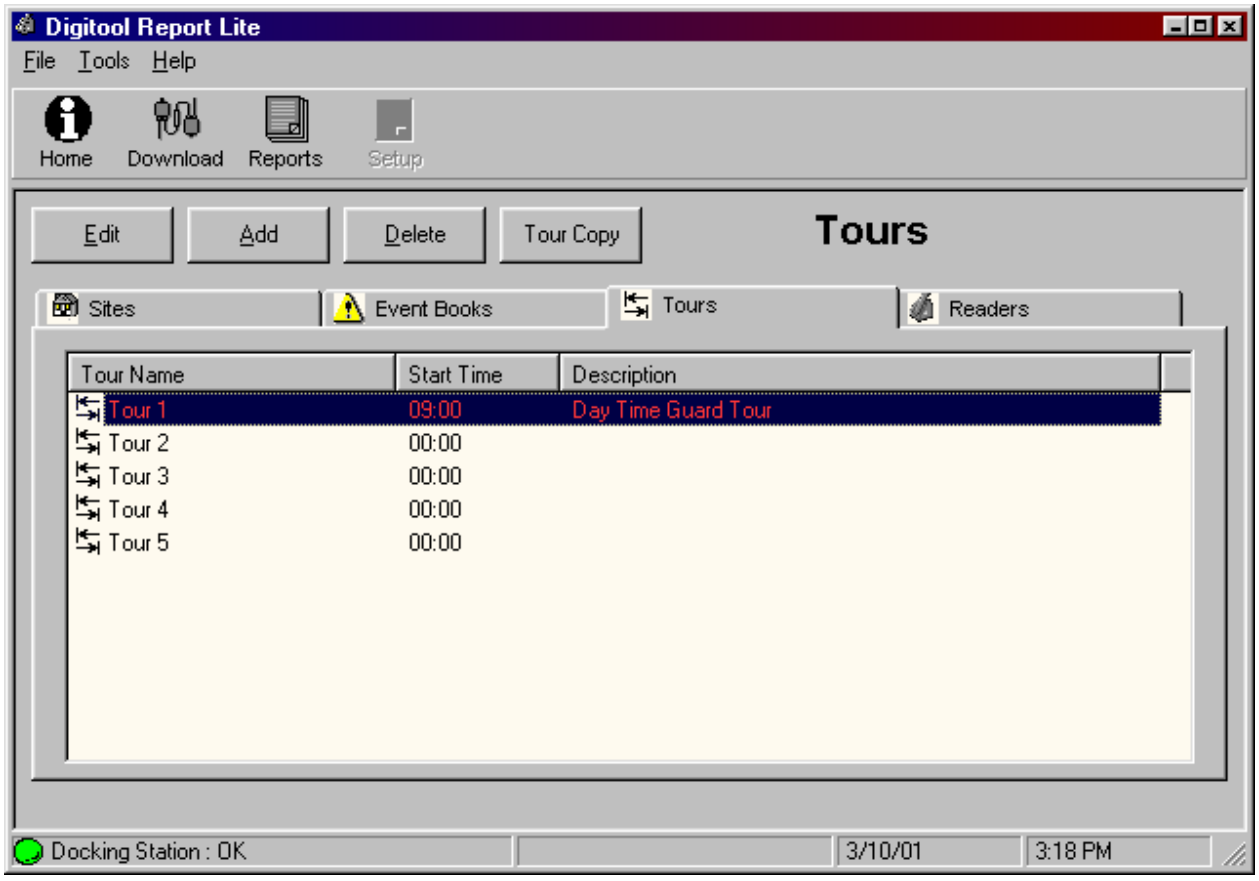
START TIME = 09:00	Type In the Time
TOLERANCE = 5 Minutes	Type in the Tolerance (0 to 59) minutes
Location 1 = Motorola Location 1	Select Motorola Location 1 and press “ADD→” Button
Location 2 = Revix Location 2	Select Revix Location 2 and press “ADD→” Button
Location 3 = Revix Location 4	Select Revix Location 4 and press “ADD→” Button
Location 4 = Revix Location 1	Select Revix Location 1 and press “ADD→” Button
Location 2 = Revix Location 3	Select Revix Location 3 and press “ADD→” Button
End Time = Last Location	

To add a new Tour Element select the location and site, and press the “ADD->” button on the screen as shown above. To remove a location from the screen, select the desired location from the tour schedule and click on the “<-Remove” button on the screen.

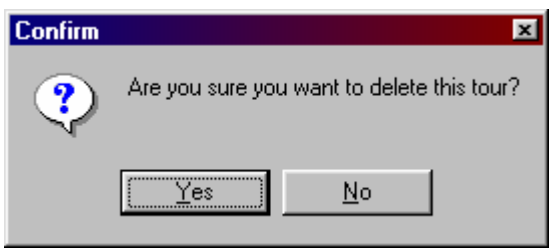
When you have finished customizing a tour, and are satisfied with the settings, you can close this window, and the software will return to the main setup window.

Deleting Tours from the Tours Set-Up

In case one of the tours need to be deleted from the PC Software due to discontinued use, you may do this in the following screen by highlighting the desired Tour, and clicking the “Delete” button.



There will be a warning message before the tour is deleted.



To proceed to delete press the “**Yes**” button on the screen, to cancel (abort) press the “**No**” button on the PC software screen above.

Once deleted, the tour cannot generate any reports or make any scheduling tasks, therefore we recommend that you consider that the Tour has been out of use properly and no additional reports must be printed for that tour.

The “Tour Copy” Button:

In the Tours Set-up menu, you may want to make a copy of an existing tour schedule, to have two tours with different start times. In this case you can highlight the desired tour to copy, and then press the “Tour Copy” button on the screen. A new tour will be created in the tours list, with the latest version of tour number.

Setup Process / Step 4 – READERS

(This function can be programmed only by the MASTER login password)

Enrolling the GC-01 Readers to the Software.

This is a special feature of the **DigiTool™** System that provides added security. By establishing a link between every reader and the system, and learning the PC code of the reader to the software, we can prevent unauthorized use of any non-system reader with the database.

This will mean that no other reader can be substituted for the actual registered reader. In the circumstance that some other reader is used to falsify data, we can detect this reader to be void, and therefore not upload or download to the reader. This PC code enables the Software to identify the source of the reader and to choose to accept or reject the data from that reader.

Every Reader has a special code, which is random and this is pre-programmed in the factory during manufacturing. This is the individual serial number on every GC-01 Reader.

Code Example: 01065A2C

Custom Reader ID Bits.

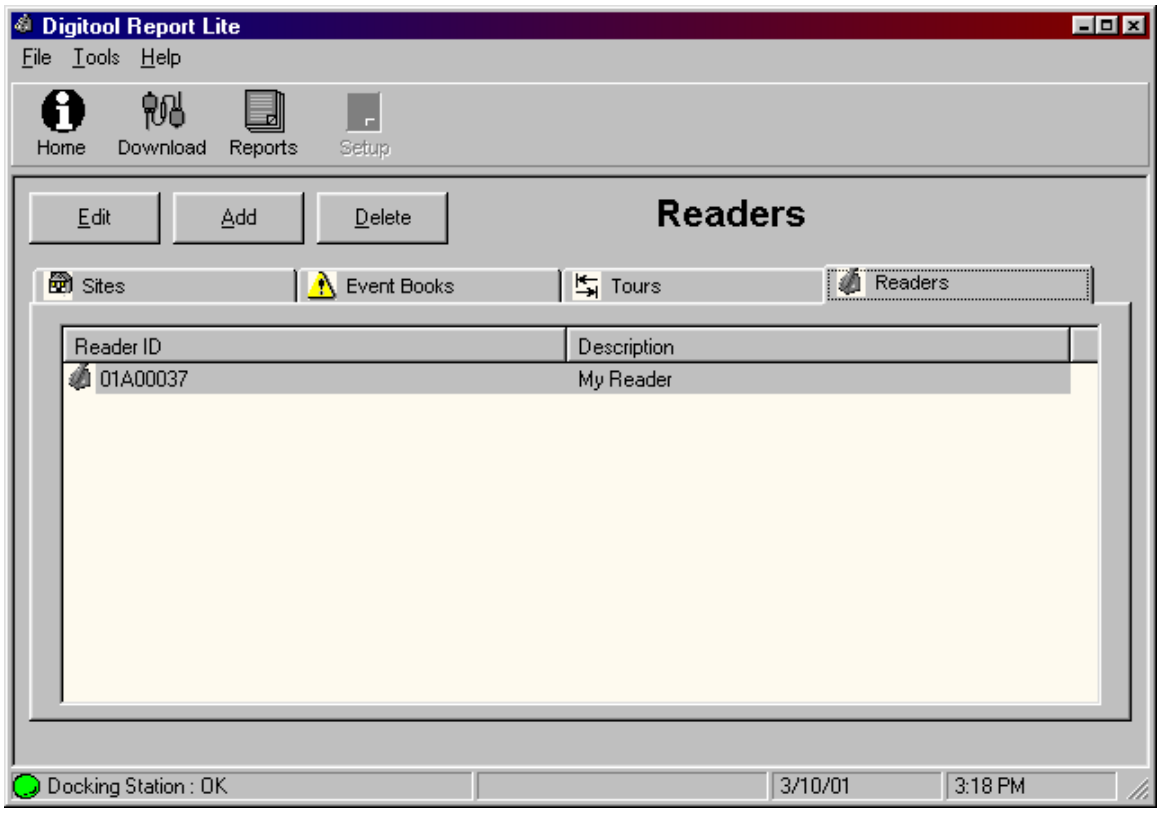
When the **DigiTool™** system is sold across different market regions, Rosslare will be able to customize a part of the reader code for any exclusive distribution rights.

This will thereby lock out any systems that do not come from that particular distributor with the system.

This feature adds enhanced market confidence that compatibility between any outside readers from another exclusive market segment does not interfere with the exclusivity of our distributors.

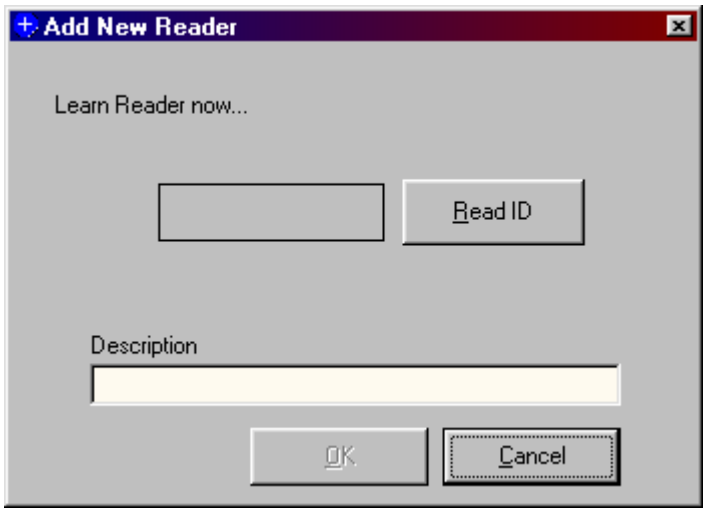
This feature may be controlled only from the factory.

Enrolling A New Reader to the Software System:

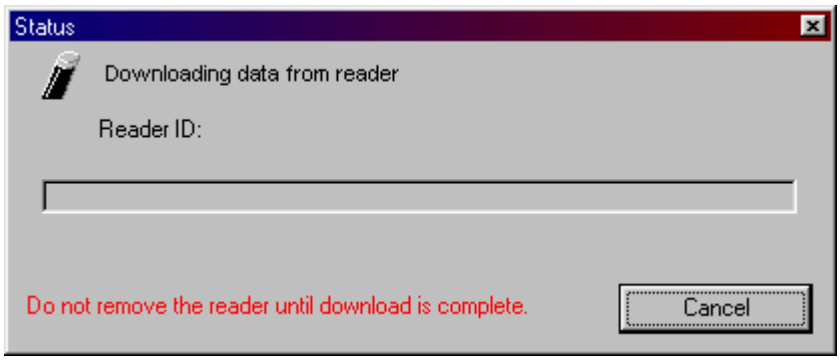


From the Main Setup Screen, select the tab that has the label “Readers” as shown in the following screen shot.
In the screen on the previous page, there is an option to ADD / EDIT, or DELETE readers from the system. If you wish to add an extra reader device to the system, you will have to click on the “Add” button on the PC screen.

As soon as you press “**Add**”, the following screen will appear, and you will be required to present the reader to the docking station to take a reading of it’s ID code.

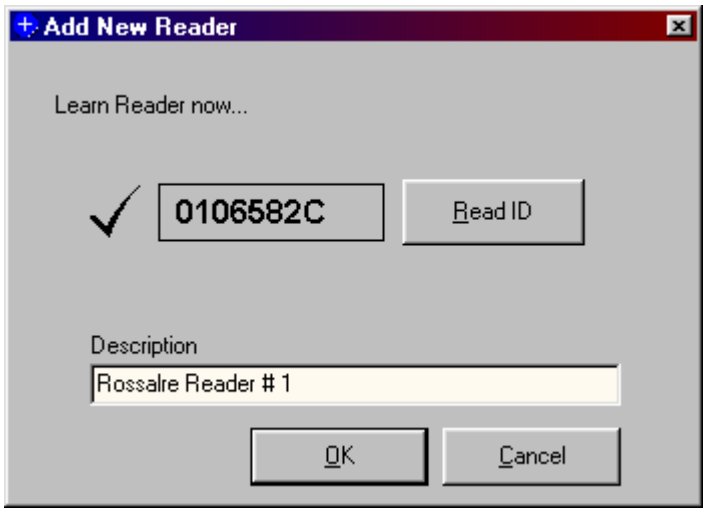


1) Place the reader into the docking base station.
2) Press the “**READ ID**” button on the PC Screen



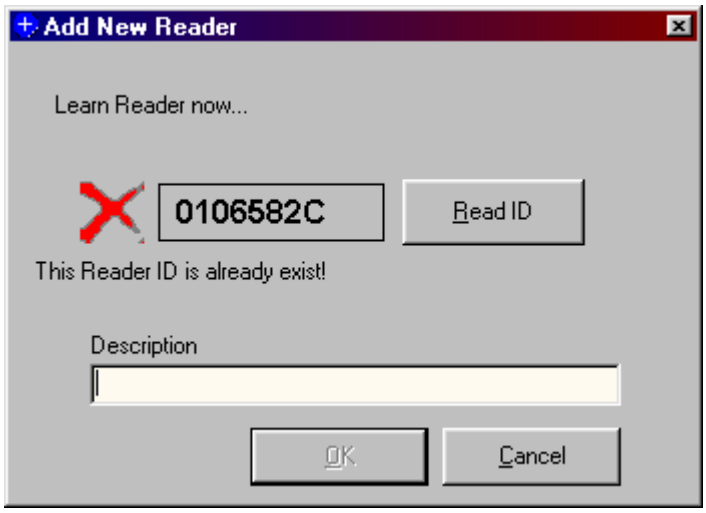
During this screen the system negotiated for the reader ID code with the hardware. Important!! Do not remove the GC-01 Reader from the GC-02 Docking station until this step is finished.

If the reader has been accepted into the system, you will see the following message.



Now you may type in the name to be assigned to that reader. This field is totally open to your own terminology or naming requirements.

In any case that the reader is not valid, or already exists in the system, you will be notified with the following screen which explains the issues.



In this situation, you can present another reader to the dock and Read the ID, which will be accepted only if it is a valid ID code and if it is not already installed in the system.

Description field for Readers.

When the **DigiTool™** system is used with multiple readers per system, each of the readers can be given a name for the reports. This can be according to Reader 1, Reader 2, or Reader 3… or every reader can be related to the guard doing the touring, or the person using the reader.

Software Utility Tools

The GS-01 Software package has a pull-down menu of Tools for use with the system. This menu can be accessed at any time from the main software menus.

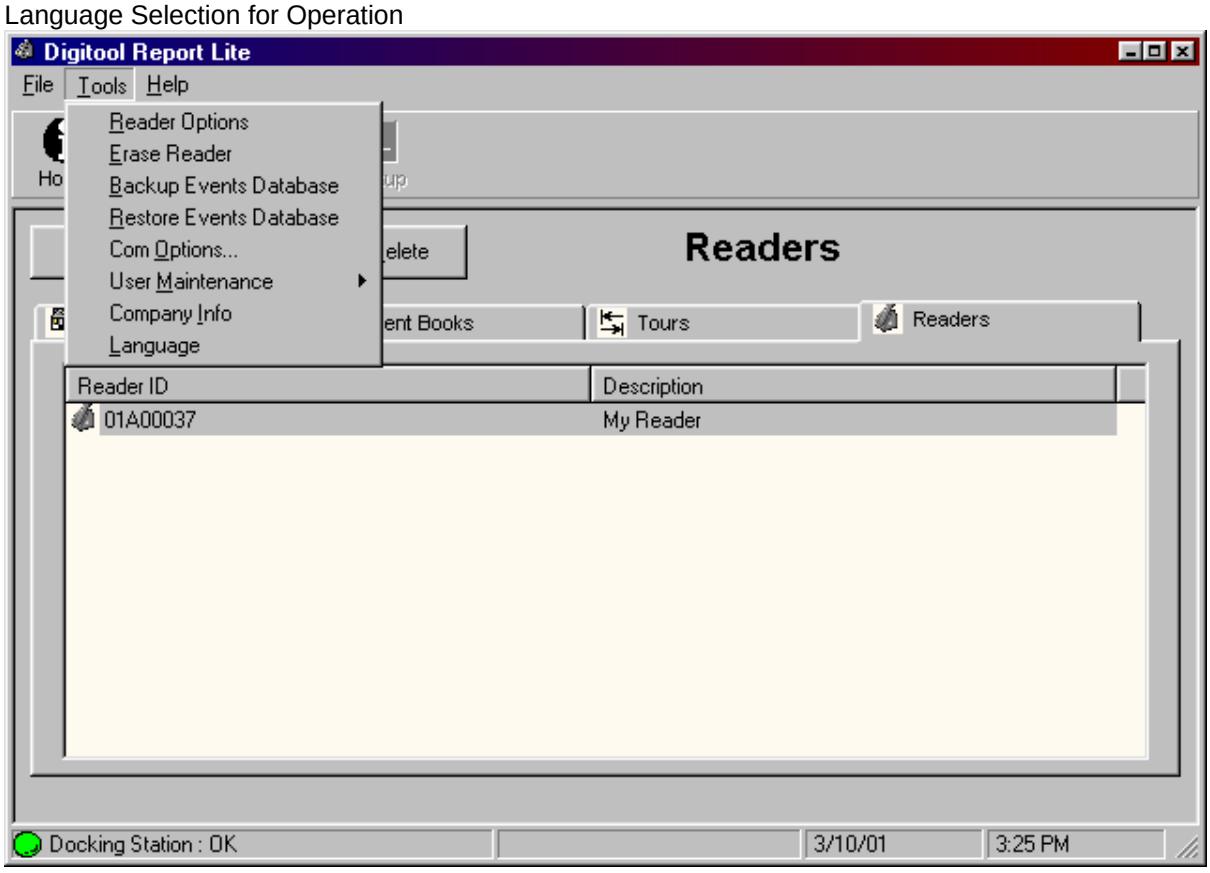
We added many tools to enhance the flexibility and ease the programming of the system, and simplify as much as possible the amount of content, so to make the software user friendly and simple to learn and operate.

The screenshot below shows the Tools menu. To access this menu simply point the mouse on the Tools word and click the left button the pull-down menu will pop up.

You can select the appropriate function by moving the mouse to any of the settings and clicking upon the desired choice. The following section of the manual will explain each of these options.

The Tools include the following

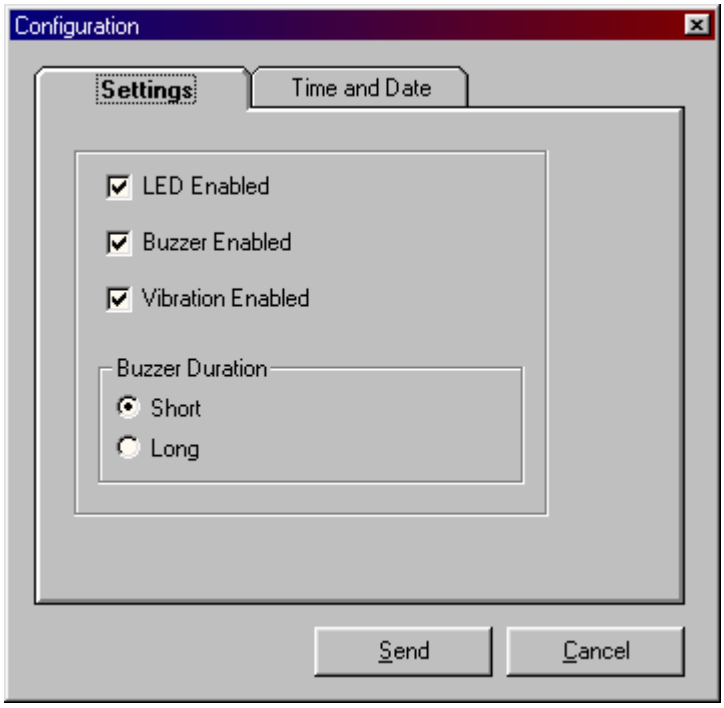
Reader Options Menu: General Settings, Time, and Date Settings
Reader Eraser
Backup Events Database
Restore Events Database
PC COM port configuration
Software Master and User Settings
Custom Company Information and Logo Setup
Language Selection for Operation



In the following section of the Instructions manual, will be a description of the functions of the tools of the GS-01 Software.

Reader Options Tools Menu: SETTINGS / TIME & DATE

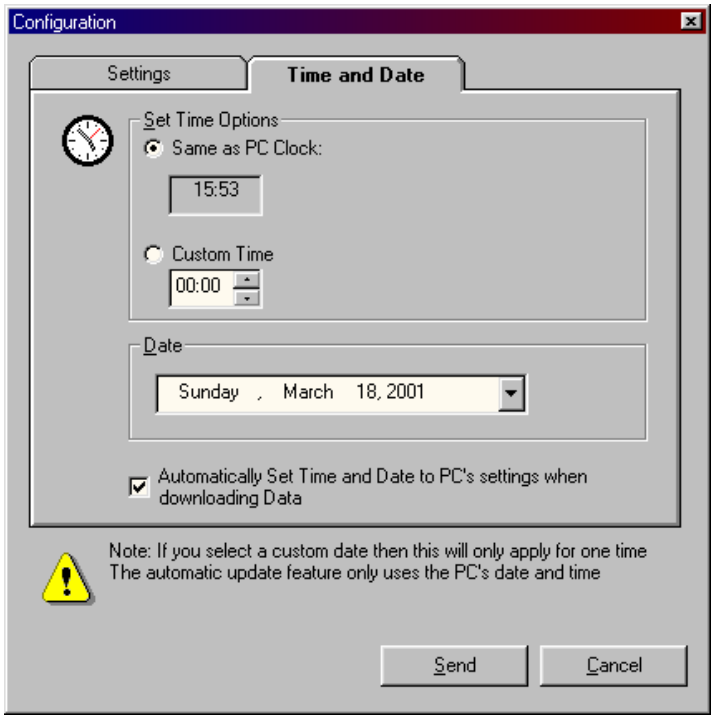
The readers model GC-01 are specially programmable by the PC software, and can sync with the PC software. In this Tool Menu (READER OPTIONS) you will be able to select the general settings of the reader. NOTE: Please make sure the reader is docked in the base when programming it.



In the above tab called “Settings” you can select the operation of the reader to VIBRATE and/or BEEP and/or FLASH LED, depending on your application. For a high noise environment, we suggest to activate the LED and the Vibration Read Feedback. For a nighttime application, we suggest you enable the LED, and for regular operation we suggest you use the BEEP

The duration of the feedback can be set at either Short (1 Second) or Long (2 Seconds).

Select your desired settings by clicking on the respective boxed and press the “**Send**” button to confirm and program the reader. The same applied for the following screen for setting time and date.


Configuration
Settings
Time and Date
Set Time Options
Same as PC Clock:
15:53
Custom Time
00:00
Date
Sunday , March 18, 2001
Automatically Set Time and Date to PC's settings when downloading Data
Note: If you select a custom date then this will only apply for one time
The automatic update feature only uses the PC's date and time
Send
Cancel

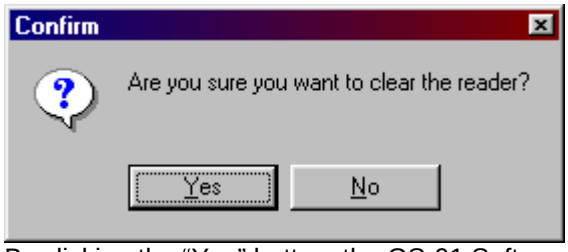
In the other settings tab called “Time And Date” you can synchronize the time and date to the reader or program this as an automatic sync with the time on your PC computer on every uploading of data.

Erase Reader Tools Menu: CLEARING DATA FROM READER

The GC-01 Data Reader can read up to 8000 locations and events in it internal memory, and these events are downloaded onto the PC software database for analysis and reports generation.

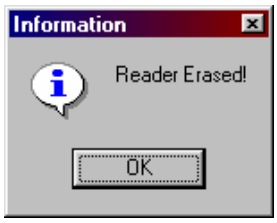
You may wish to delete the contents of the data in the reader without downloading it to the PC, and in this case you can use the Erase Reader option for the Tools menu.

Upon selecting this option, the following menu will be presented.

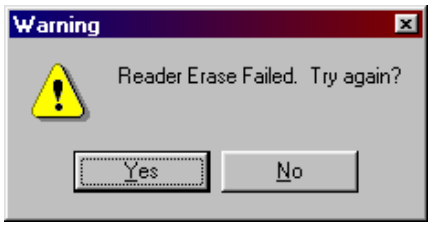


By clicking the “Yes” button, the GS-01 Software will initialize the clearing of all the data in the reader.

Important Note! During this time, please do not remove the Reader from the docking base, until the task has been finished, otherwise this may damage the system. When the Reader is cleared, you will see the following message.

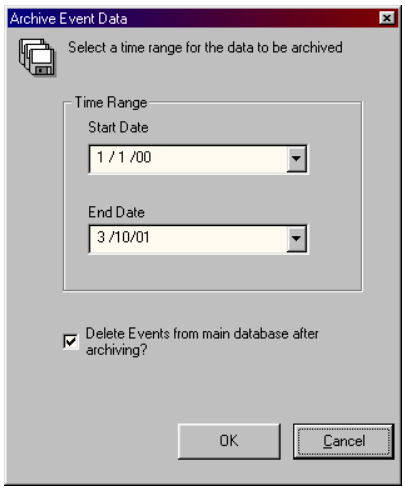


If there is a failure, you will see the following message on the screen.



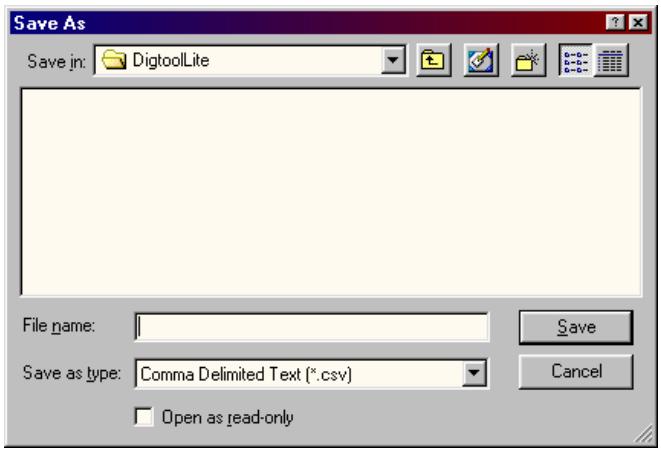
Backup Events Database Menu: BACKUP DATABASE TO ARCHIVE

DigiTool™ Reports Lite software has an integrated database, which stores all of the data downloads from the GC-01 reader tours. This database interfaces to the user in the software for printing customized and standard reports, or exporting the data to other applications.



All new data is added to the existing data and accumulates on the hard drive as a database file. We recommend periodical archiving of the old database in this software to minimize the size of the data file stored onto the hard drive. After the data becomes redundant, you may select the Backup Database selection from the Tools menu to Archive the database.
Click “Yes” to confirm and “No” to abort and go back to the last screen.

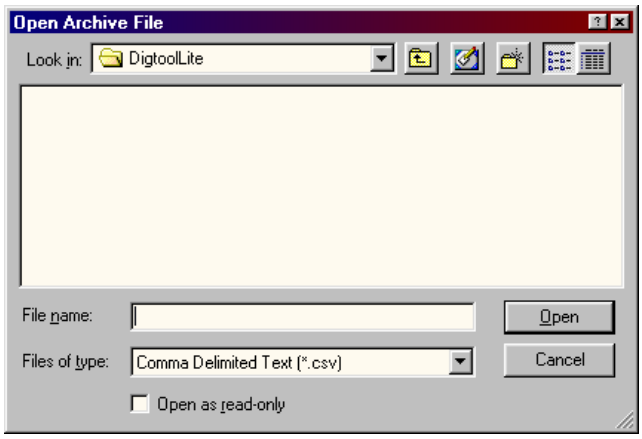
The archive will let you save the existing database anywhere on your hard disk, with a custom name for your database. The following screen will appear to confirm the name and location of the new Archive file.



Restore Events Database Menu: RESTORING DATABASE FROM ARCHIVE

DigiTool™ Reports Lite software has an integrated database, which enables restoring of previously archived databases from the hard disk. From the Tools menu, select the "Restore Database" selection and the following screen will appear.

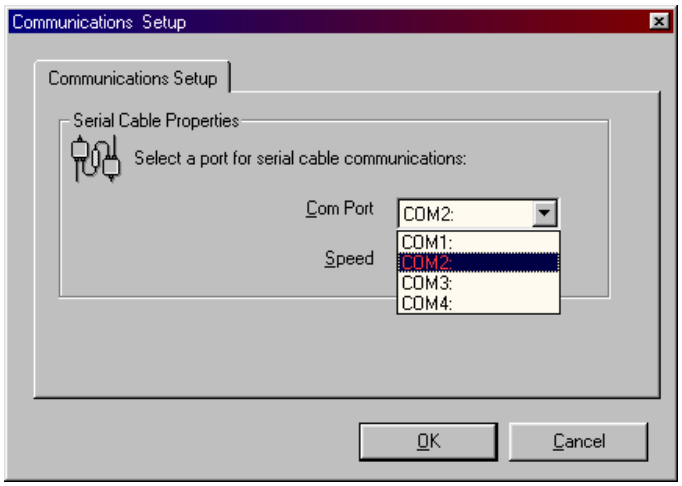
Browse for your archived database, on the hard disk, and click on "Open" button on the screen below.



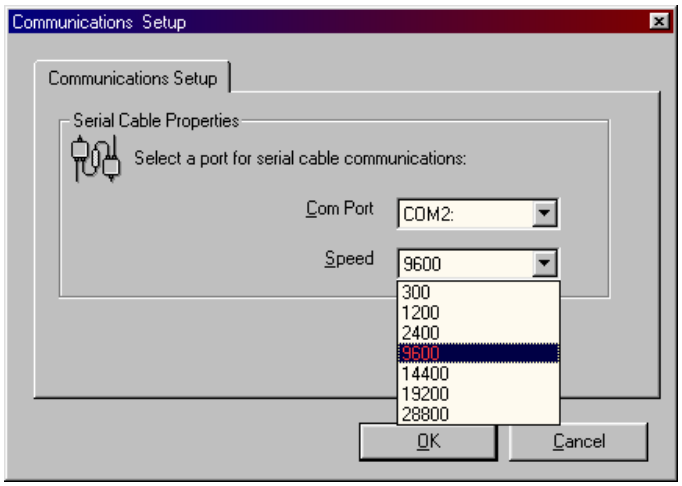
COM Options Tools Menu: PC COM PORT SETUP

By selecting the COM OPTIONS selection from the pull down Tools menu, you will be able to select the options for the serial port connected to the PC.

The following screen will appear.



In the above screen, you will be able to select COM 1, COM 2, COM 3, or COM 4 for the connection of the serial port to the PC. This will let you select the port of operation for the system.



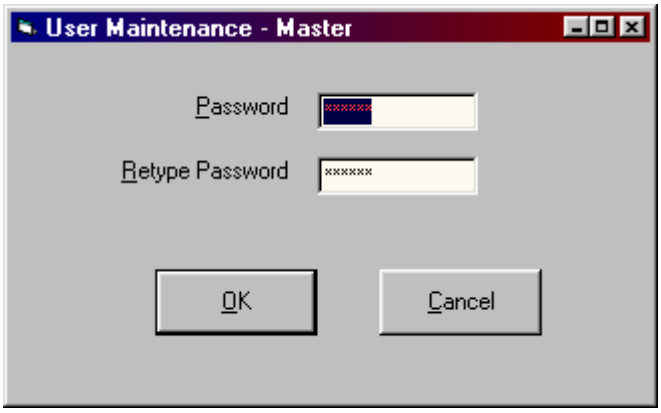
In the above screen, the speed of the port selection may be set, this is the Maximum Speed of the port. Select the 9600-Baud Rate for the RS-232 port as shown above.

After making your desired selection on the screens above, you can click on “OK” to process and apply the changes, or press “Cancel” if you want to abort the changes and retain your previous settings.

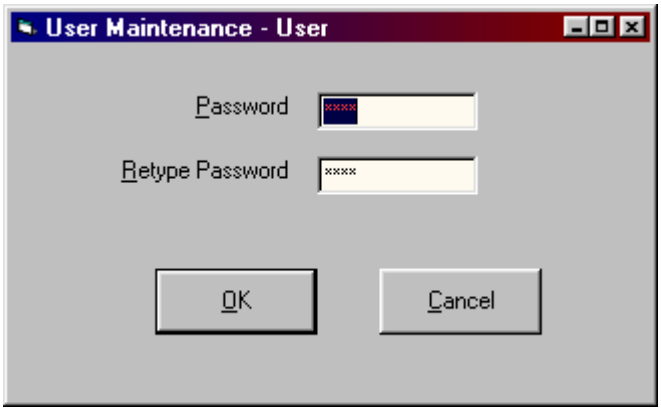
User Maintenance Tools Menu: PASSWORDS SETUP

There are two groups of users that are allowed to use the GS-01 **DigiTool™** Reports Lite software. These users are fixed in name and description, however the passwords are programmable. In the User Maintenance Tools menu, there will be two options to select either MASTER or USER. Depending on the user that you selected you will see the following screens

MASTER (Software Operator):



USER (Software Operator):

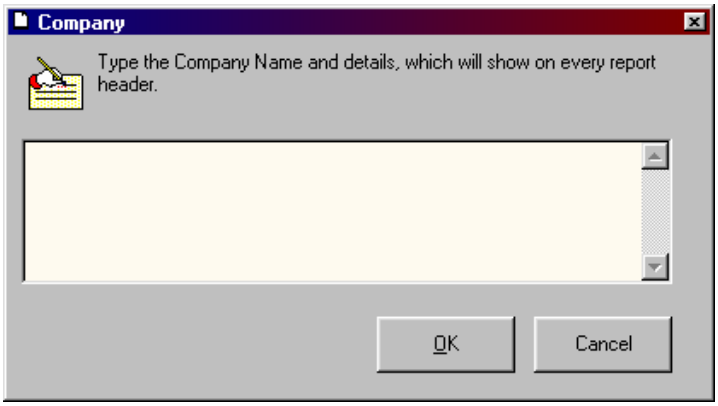


In the above screens, you will be able to program your passwords for the MASTER users and the USER level operators of the software.

To change the password, which is case sensitive, type in the new password, and then re-type the password below to confirm the password.

Company Information Tools Menu: CUSTOM COMPANY DETAILS

In the Company Info Tools menu, you will have the chance to customize the name and address of your Company details onto the software. This information will be printed as a header on all of the reports



generated by the software and will generate your Identity on the reports.

Language Selection Tools Menu: LANGUAGE SELECTION

In the Language Tolls menu, you will be able to change the language to any language listed in the language selection tools menu.

Highlight your required language and click on “OK” to apply and proceed or if you want to cancel the click on “Cancel” button on the screen.

Downloading Data from Reader

Once the system is set up, according to the previous instructions in this manual, it is the time to gather data on the GC-01 Reader by following tours, or just performing the rounds. The Data in the Reader can only be downloaded to the software if the reader is valid (See Page 27 on setting up a new reader in the system).

Making Tour Rounds:

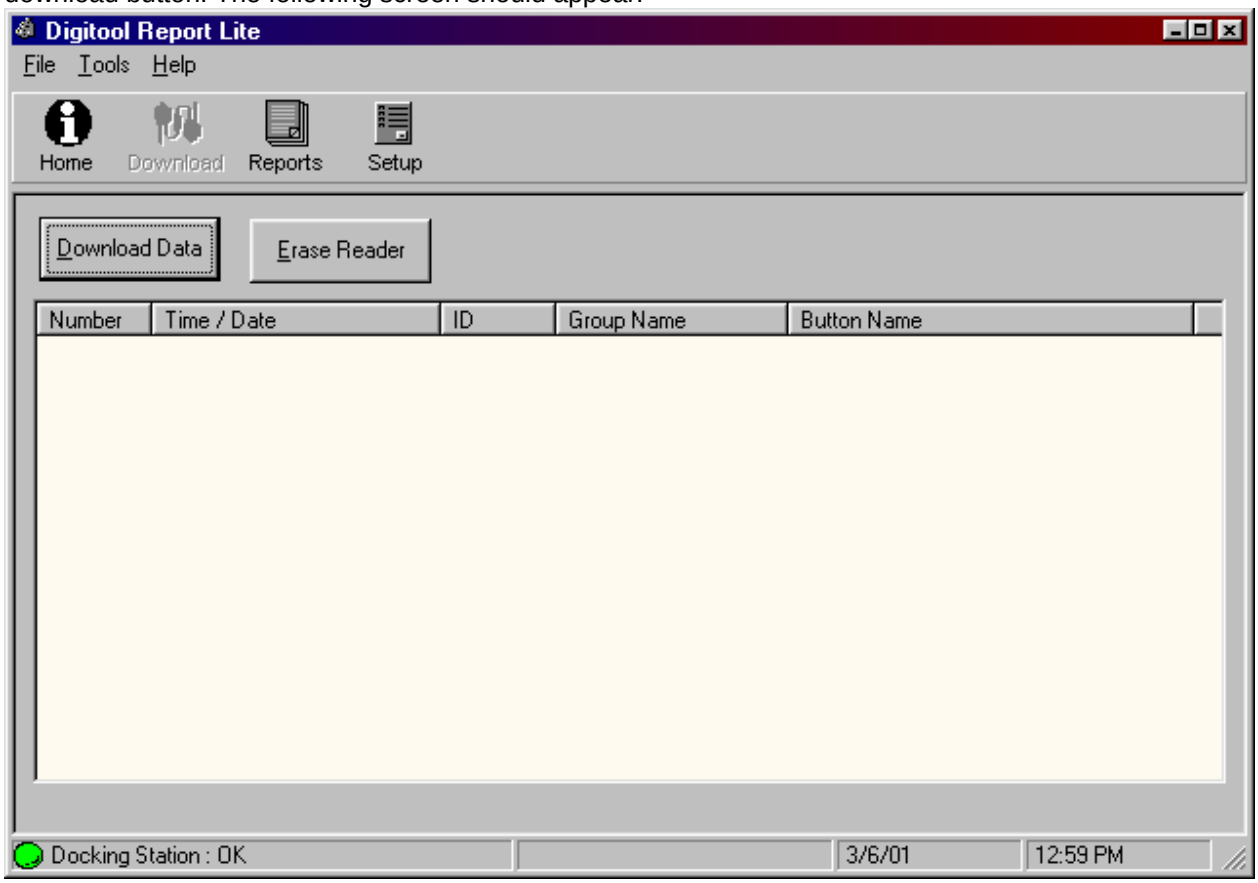
Repeat these steps to accumulate proper data in the GC-01 Reader. First, Clear the Reader to ensure there is no old data.

1: Start the tour by going to Location 1 and reading the location tag
2: After the first location, read, if there are events, read the corresponding events into the Reader
3: Go to next Location and Repeat steps 1 to 3

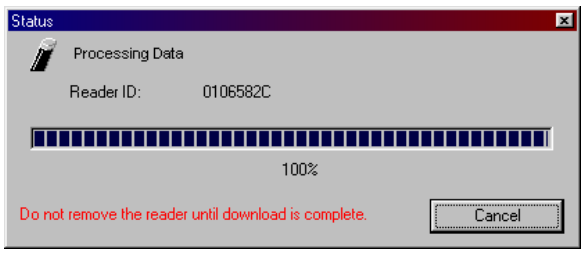
The GC-01 Reader can accommodate 8000 reads in the memory with the relative time and date stamps.

Downloading the Reader to the PC:

Once all the relevant data has been accumulated on the GC-01 reader, it is time to Download the data to the PC Database for generation of reports, and storage of the raw data. From the main screen, press the download button. The following screen should appear.

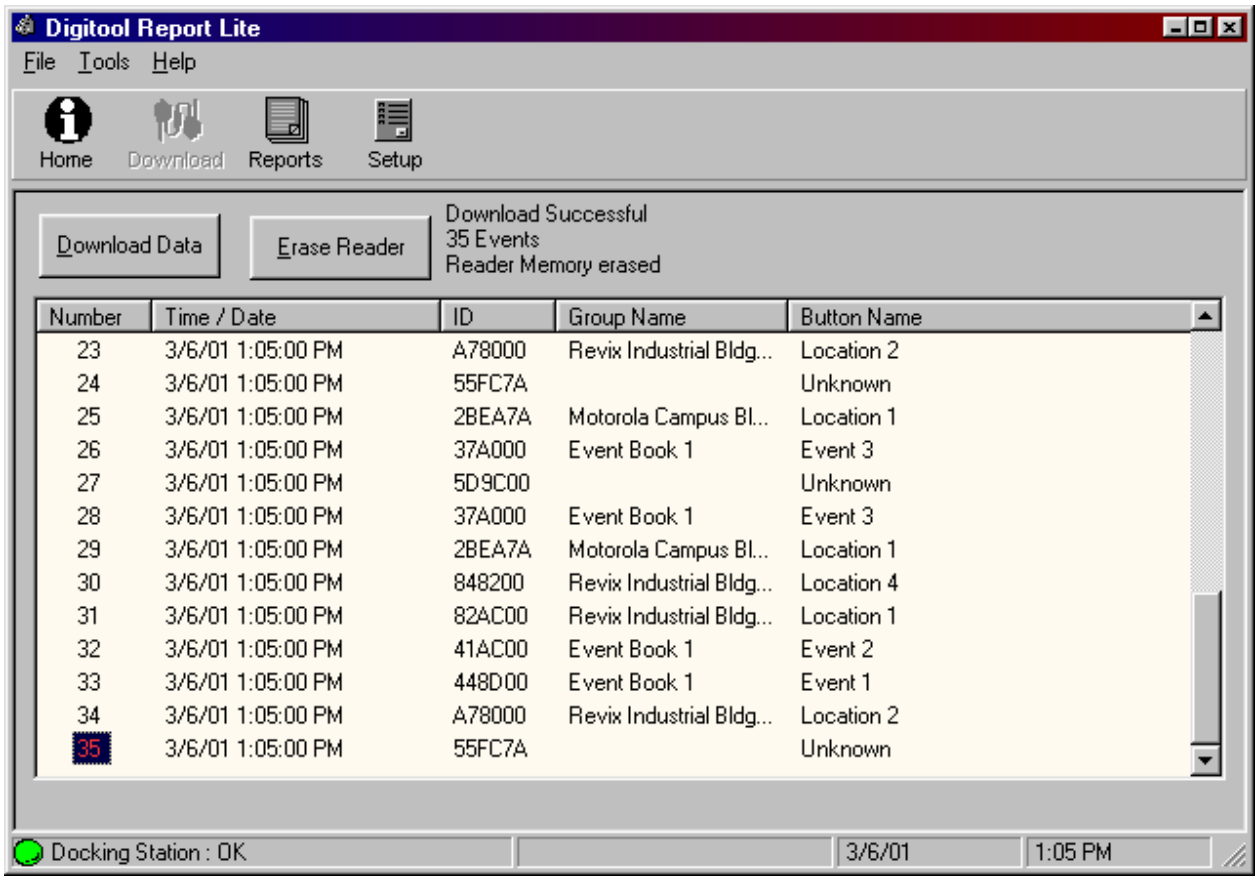


Place the GC-01 Reader into the GC-02 docking station and then press the “Download Data” button on the PC software to begin. The system will then start the process of Downloading from the GC-01 Reader.



After the Data has been downloaded to the PC and the GS-01 Reports Lite Software will begin to process the data and format it for the screen.

After processing, all of the data will be presented on the screen of the PC as follows.


Digitool Report Lite
File Tools Help
Home
Download
Reports
Setup
Download Data
Erase Reader
Download Successful
35 Events
Reader Memory erased
Number | Time / Date | ID | Group Name | Button Name
23 | 3/6/01 1:05:00 PM | A78000 | Revix Industrial Bldg... | Location 2
24 | 3/6/01 1:05:00 PM | 55FC7A | | Unknown
25 | 3/6/01 1:05:00 PM | 2BEA7A | Motorola Campus Bl... | Location 1
26 | 3/6/01 1:05:00 PM | 37A000 | Event Book 1 | Event 3
27 | 3/6/01 1:05:00 PM | 5D9C00 | | Unknown
28 | 3/6/01 1:05:00 PM | 37A000 | Event Book 1 | Event 3
29 | 3/6/01 1:05:00 PM | 2BEA7A | Motorola Campus Bl... | Location 1
30 | 3/6/01 1:05:00 PM | 848200 | Revix Industrial Bldg... | Location 4
31 | 3/6/01 1:05:00 PM | 82AC00 | Revix Industrial Bldg... | Location 1
32 | 3/6/01 1:05:00 PM | 41AC00 | Event Book 1 | Event 2
33 | 3/6/01 1:05:00 PM | 448D00 | Event Book 1 | Event 1
34 | 3/6/01 1:05:00 PM | A78000 | Revix Industrial Bldg... | Location 2
35 | 3/6/01 1:05:00 PM | 55FC7A | | Unknown
Docking Station : OK
3/6/01
1:05 PM

The GS-01 software will show all of the locations and events on the screen, which occurred as presented in the reader.

This information will be shown only for the current download session and the data will be placed in the database. Any time there is a fresh download to the system, the raw data will be shown on the screen. Otherwise, this screen will remain empty.

Every time all of the data is saved to the database, successfully, the data is erased from the Reader Automatically at the end of the downloading. This will prevent the system from having any redundant data, or double data values of the same location and event at the same time. This method provides very stable architecture to the data flows.

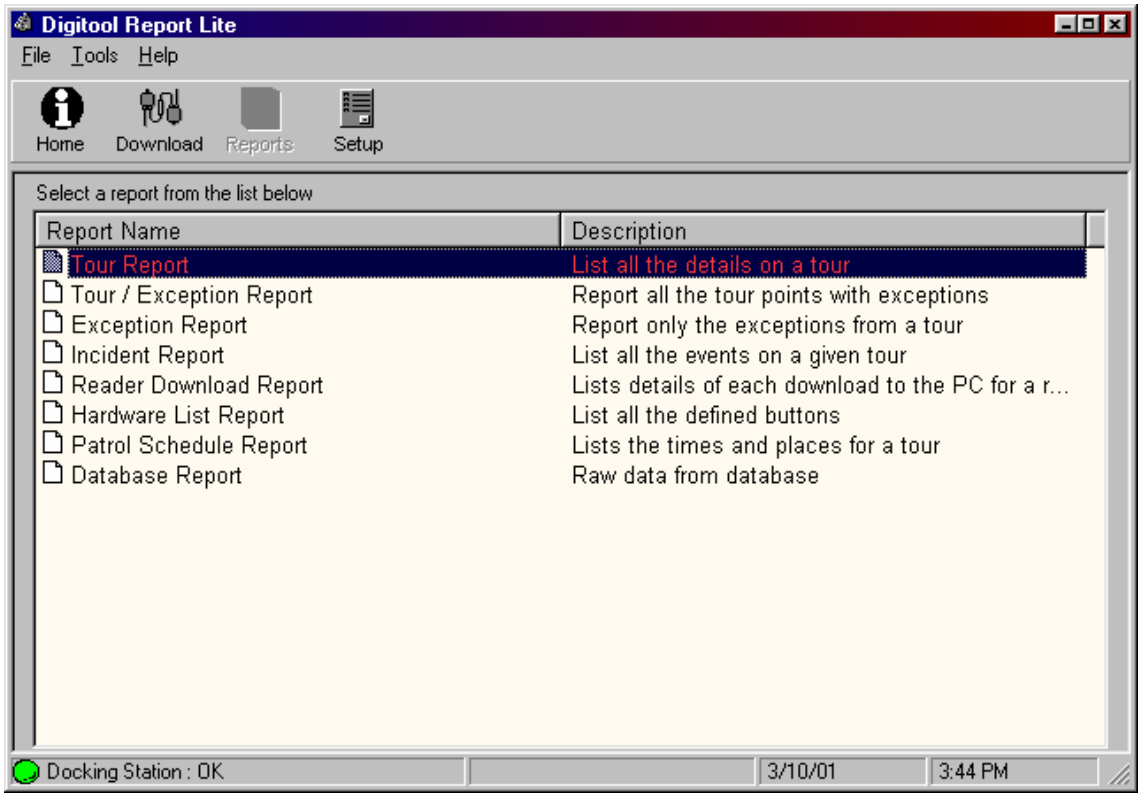
Erasing the Reader from the Download Screen:

If you wish to erase the Reader, it can be done from the Tools menu item or from the download screen by pressing the “Erase Reader” button from this screen. The reader must be docked in the GS-02 docking station for this to take place.

Both ways of erasing the reader without downloading are the same effectively.

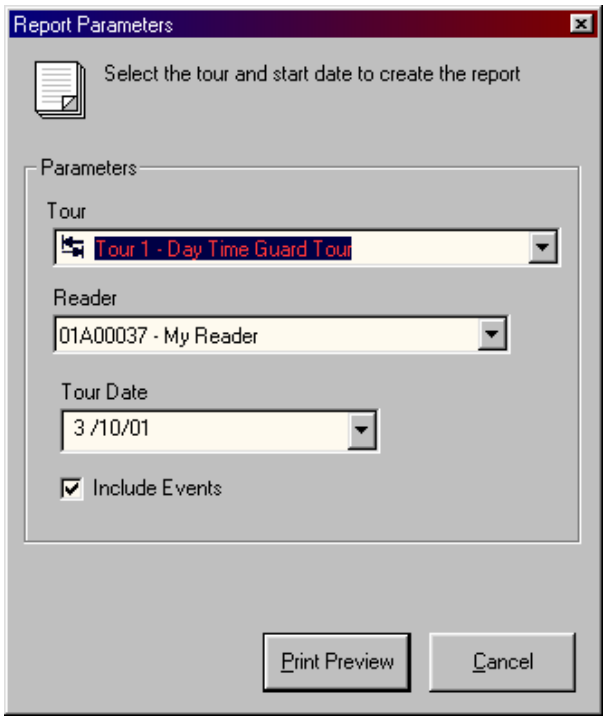
Reports Wizard

The **DigiTool**™ Reports Lite software creates useful reports according to the data that is in the database, and the desired reports type. This section of the manual focuses on the reports generation process, and on the individual reports which can be generated with the Software.



The GS-01 has a reports screen which looks like the above screenshot image. You can select to generate on the screen any one of these reports which are available on the middle of the screen by highlighting the report and double clicking.

Tour/Exception Report:



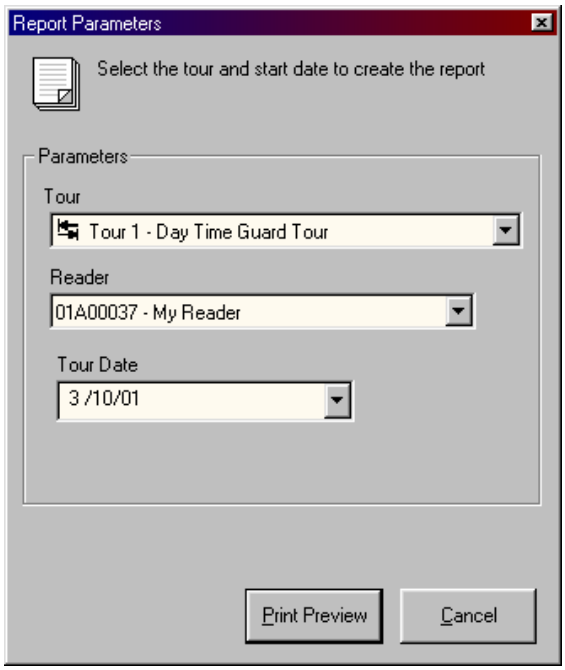
The Tour Report screen is shown below. This report is generated by the software according to any individual tour that is set up in the system. The system will identify all elements of the tour and report on all of the tours (optional including or excluding events) to be printed on the screen of the PC.

Step 1: Select the tour out of the list, which can be any of the tours that were set up in the system.
Step 2: Select the Reader, which can be any of the tours that were set up in the system.
Step 3: Select the Beginning Date for the generation of the report.

Click "**Print Preview**" to see the report on screen or "Cancel" to abort. The tour report will generate a list of all of the Tours (Of One Selected Tour Only) that have been performed from the specified date, and until today.

Exception Report:

The Exception Report screen is shown below.

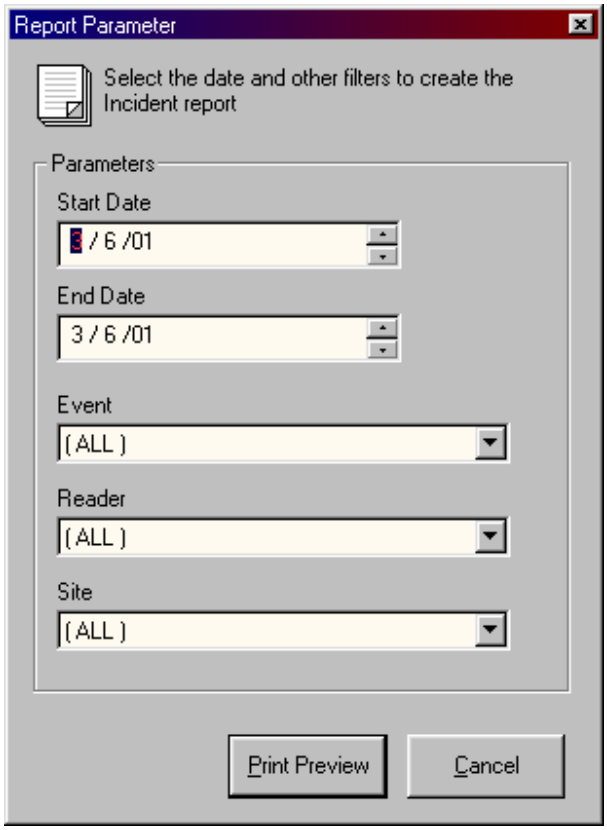


This report will only show the Exceptions from the tours, which includes missed points and early or late arrivals to locations. Select which tour and the start date for the report.

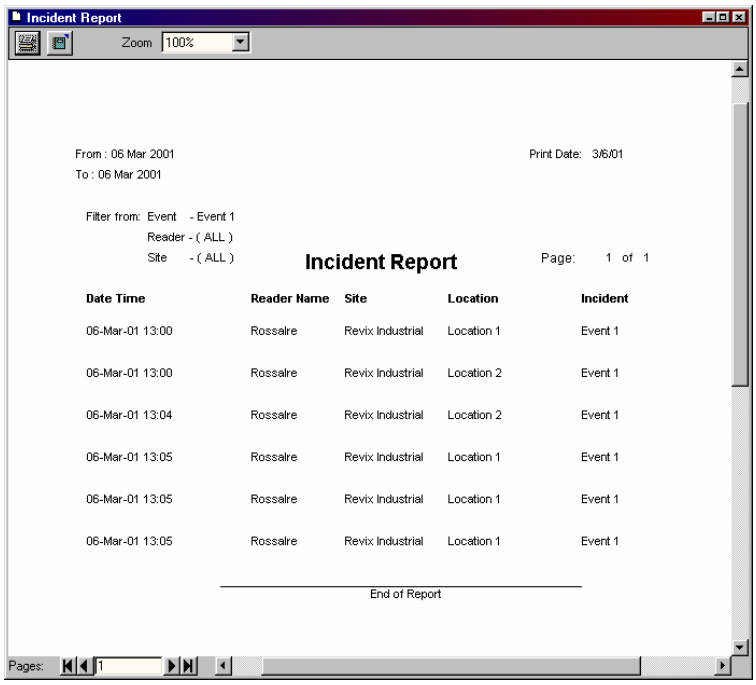
Incident Report:

Incident Report is a special report that focuses on the events which are recorded in the system software. This report sorts the Events between the specified dates, according to the individual event type (user specified) and the Reader (User Specified) and the Site.

The report can be printed according to each individual Event, Reader and Site, and has the ability to present the data for All Sites, or ALL Readers, or All Events.



The Screen above shows the properties of the Incident Reports that must be configured prior to generating a report from the software. Fill in all the appropriate selections and press “Print Preview” button to generate the report on the screen, or press the “Cancel” button to abort.


Incident Report
Zoom 100%
From : 06 Mar 2001
To : 06 Mar 2001
Print Date: 3/6/01
Filter from: Event - Event 1
Reader - (ALL)
Site - (ALL)
Incident Report
Page: 1 of 1
Date Time Reader Name Site Location Incident
06-Mar-01 13:00 Rossalre Revix Industrial Location 1 Event 1
06-Mar-01 13:00 Rossalre Revix Industrial Location 2 Event 1
06-Mar-01 13:04 Rossalre Revix Industrial Location 2 Event 1
06-Mar-01 13:05 Rossalre Revix Industrial Location 1 Event 1
06-Mar-01 13:05 Rossalre Revix Industrial Location 1 Event 1
06-Mar-01 13:05 Rossalre Revix Industrial Location 1 Event 1
End of Report
Pages: 1

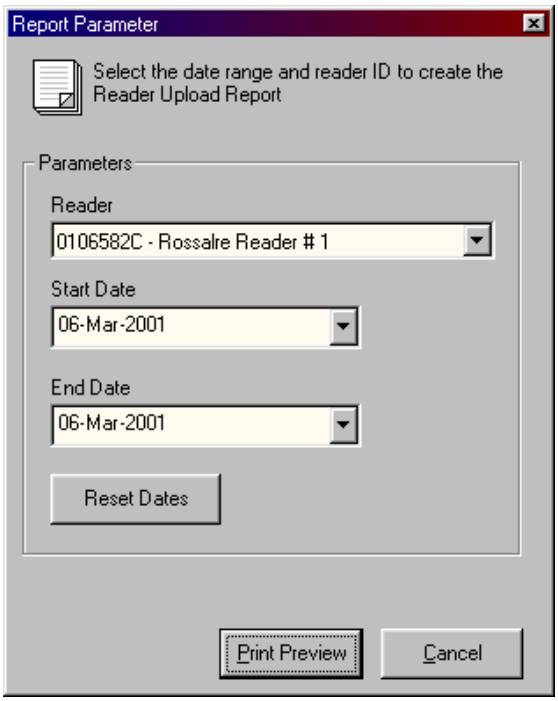
Above is an Example of an Incident Report, for Event 1, for all Readers and All Sites.

Reader Download Report:

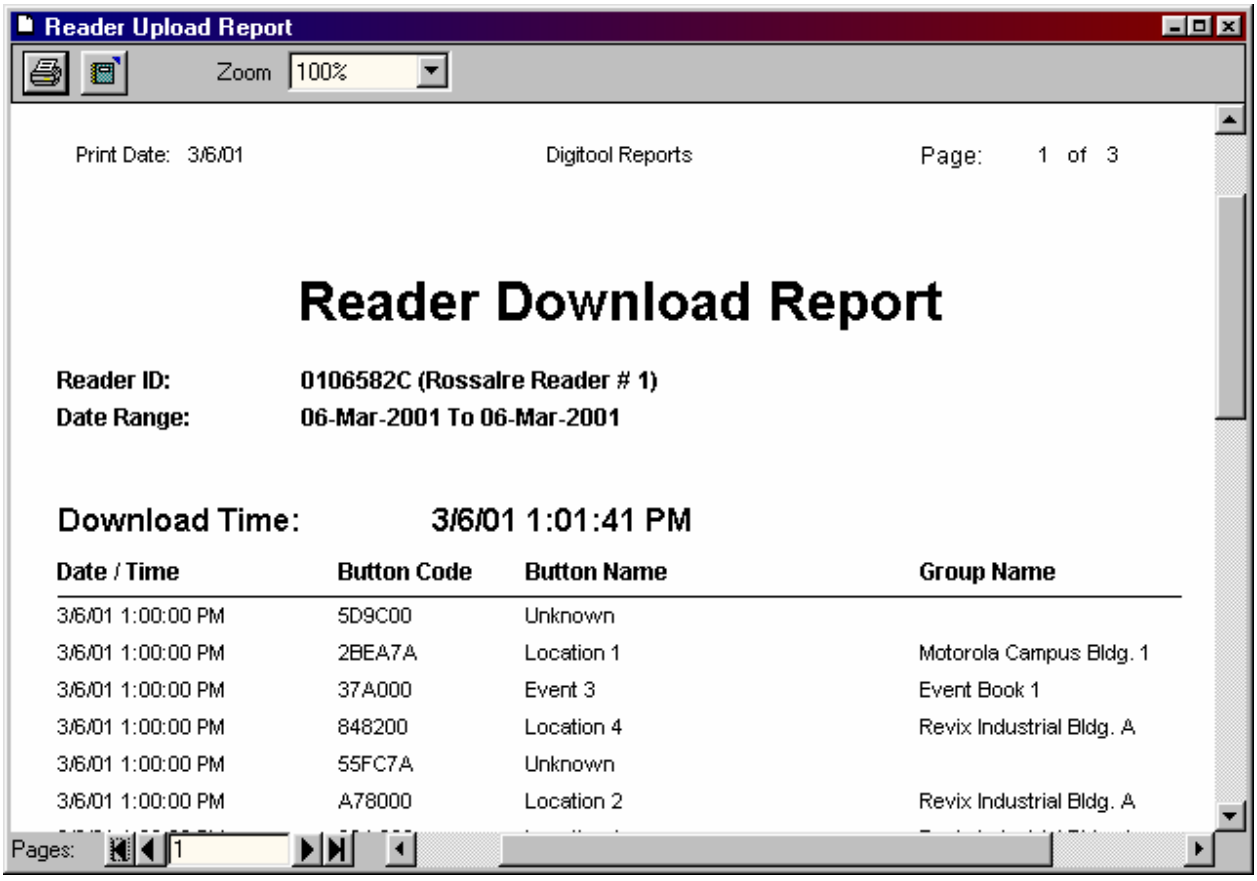
Readers download report provides a complete record printout of the downloading activity and the data content entered into the database at each download.

It is necessary to specify to the software 1) Which Reader you want to check the activity of and 2) What dates are relevant in the current report.

Use the following screen to specify your report preferences.



Below is an example of the first page of a Reader Download Report.

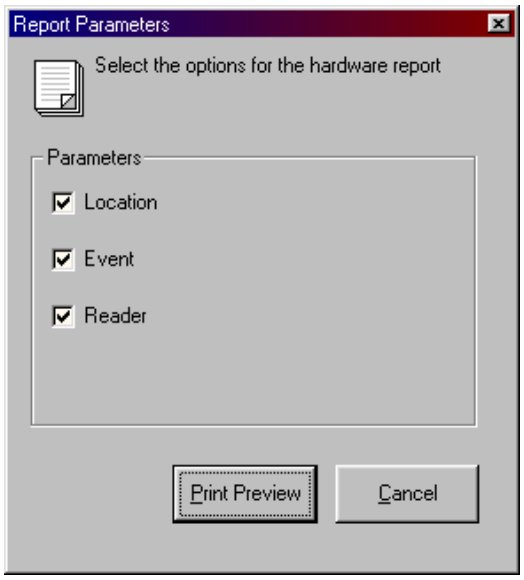

Reader Upload Report
Zoom 100%
Print Date: 3/6/01
Digitool Reports
Page: 1 of 3
Reader Download Report
Reader ID: 0106582C (Rossalre Reader # 1)
Date Range: 06-Mar-2001 To 06-Mar-2001
Download Time: 3/6/01 1:01:41 PM
Date / Time | Button Code | Button Name | Group Name
3/6/01 1:00:00 PM | 5D9C00 | Unknown |
3/6/01 1:00:00 PM | 2BEA7A | Location 1 | Motorola Campus Bldg. 1
3/6/01 1:00:00 PM | 37A000 | Event 3 | Event Book 1
3/6/01 1:00:00 PM | 848200 | Location 4 | Revix Industrial Bldg. A
3/6/01 1:00:00 PM | 55FC7A | Unknown |
3/6/01 1:00:00 PM | A78000 | Location 2 | Revix Industrial Bldg. A
Pages: 1

Hardware List Report:

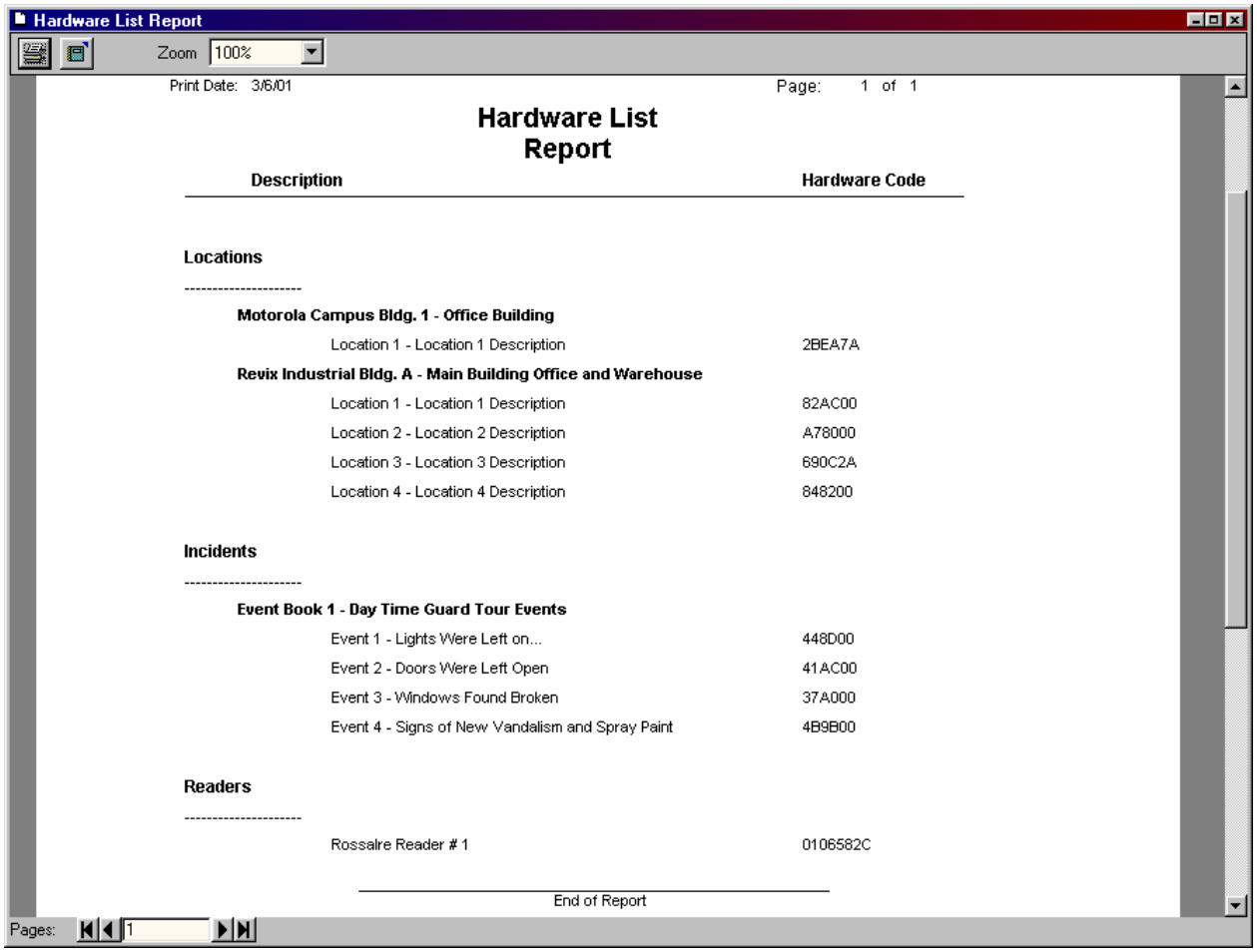
The GS-01 ReportsLite software can provide a full list of the installed hardware on the system by means of this Hardware report.

The screen below shows the selection of the hardware you would want to be included on the report.

Therefore you will have the choice of including each of the following hardware LOCATION TAGS / EVENT BOOKS / and READERS.



This report is not dependent on the date and time, only on the type of hardware selected to be reported.

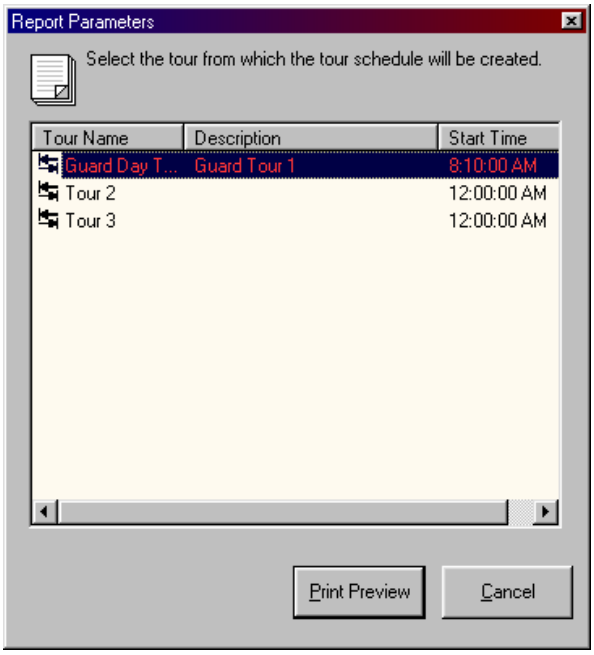

Hardware List Report
Zoom 100%
Print Date: 3/6/01
Page: 1 of 1
Hardware List Report
Description
Hardware Code
Locations
Motorola Campus Bldg. 1 - Office Building
Location 1 - Location 1 Description 2BEA7A
Revix Industrial Bldg. A - Main Building Office and Warehouse
Location 1 - Location 1 Description 82AC00
Location 2 - Location 2 Description A78000
Location 3 - Location 3 Description 690C2A
Location 4 - Location 4 Description 848200
Incidents
Event Book 1 - Day Time Guard Tour Events
Event 1 - Lights Were Left on... 448D00
Event 2 - Doors Were Left Open 41AC00
Event 3 - Windows Found Broken 37A000
Event 4 - Signs of New Vandalism and Spray Paint 4B9B00
Readers
Rossalre Reader # 1 0106582C
End of Report
Pages: 1

Above is an example of a Hardware List Report including all of the LOCATIONS, EVENTS and READERS installed on the system at the time of the Report generation.

Patrol Schedule Report:

The GS-01 ReportsLite software can provide a schedule for the tour for the reader users, and this report can be generated according to the tour program, customized in the set-up section of this manual.

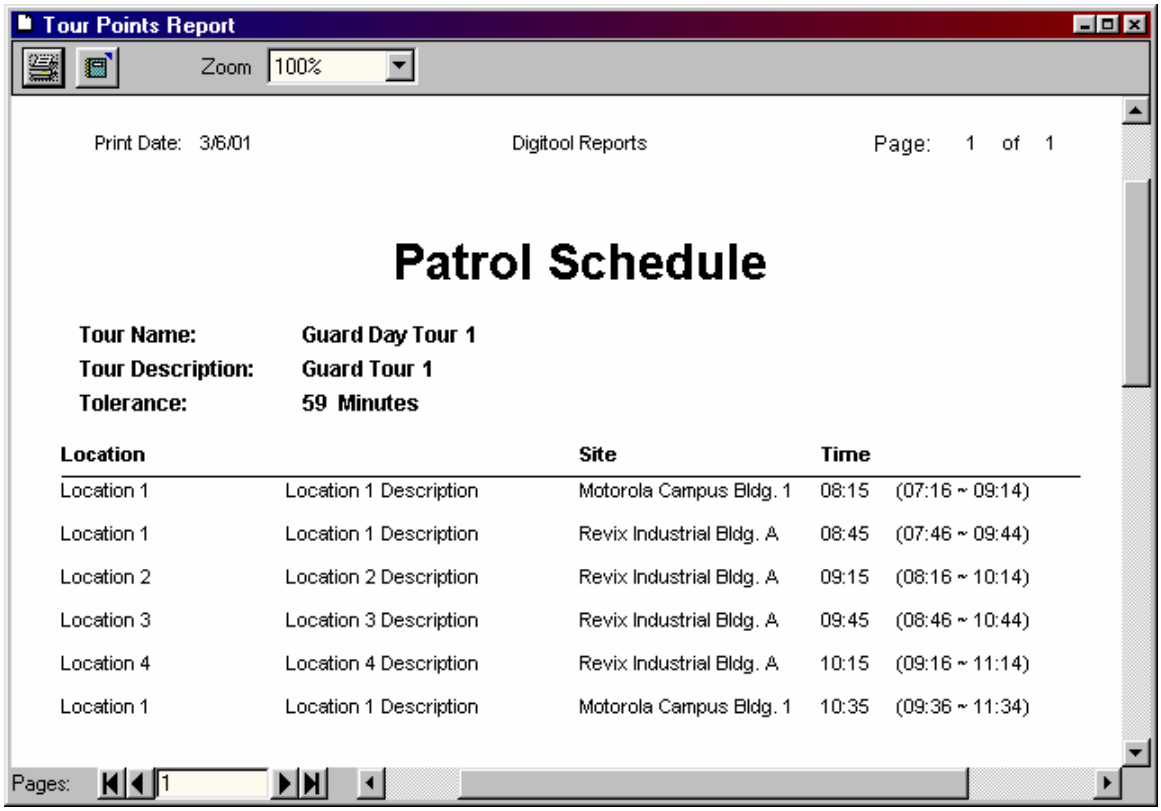
Select to generate a tour schedule from any one of the pre-defined tours. This schedule is a record of the tasks needed to be performed. Use the following form to select the tour.



To generate the report press the: ”Print Preview” button on the screen, or to cancel press “Cancel”

Below is a sample of the Patrol Schedule report which was generated for the use of this instructions manual. As you can see from the example, this patrol schedule includes the Location Names, Location,

Description, and Site where the location is placed, and a Target time. In addition to the Target time for the visit to the locations, there is a window of time where a location visit is acceptable. Any visits that don’t comply with the schedule will be shown on the Exceptions Report.

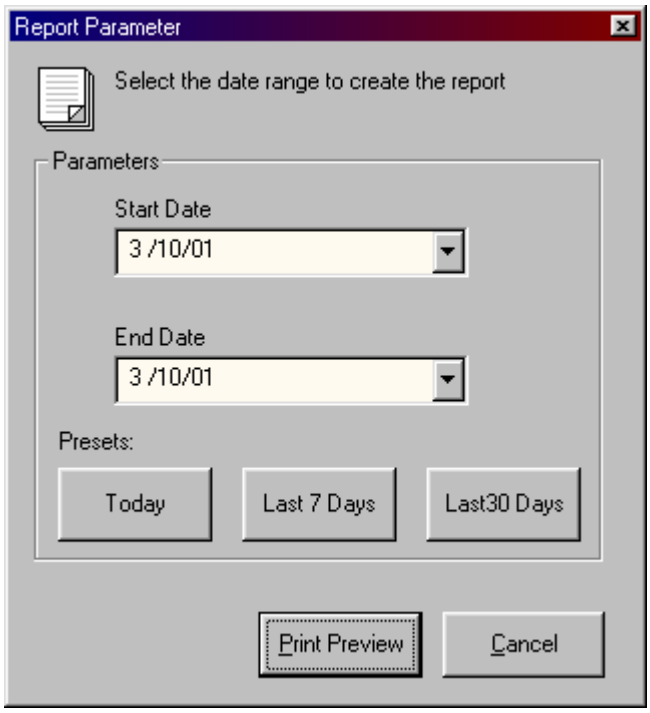

Tour Points Report
Zoom 100%
Print Date: 3/6/01
Digitool Reports
Page: 1 of 1
Patrol Schedule
Tour Name: Guard Day Tour 1
Tour Description: Guard Tour 1
Tolerance: 59 Minutes
Location
Site
Time
Location 1 Location 1 Description Motorola Campus Bldg. 1 08:15 (07:16 ~ 09:14)
Location 1 Location 1 Description Revix Industrial Bldg. A 08:45 (07:46 ~ 09:44)
Location 2 Location 2 Description Revix Industrial Bldg. A 09:15 (08:16 ~ 10:14)
Location 3 Location 3 Description Revix Industrial Bldg. A 09:45 (08:46 ~ 10:44)
Location 4 Location 4 Description Revix Industrial Bldg. A 10:15 (09:16 ~ 11:14)
Location 1 Location 1 Description Motorola Campus Bldg. 1 10:35 (09:36 ~ 11:34)
Pages: 1

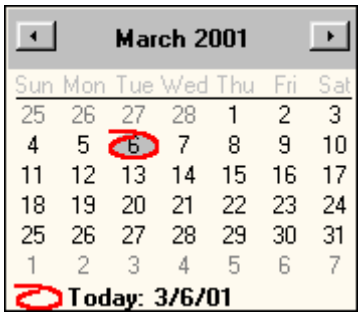
Database Report:

This Report option will list all of the LOCATIONS and EVENTS as they occurred at the reader between the pre-set dates.

Setting the parameters requires setting the START DATE and the END DATE as shown in the PC Screen Shot Below.

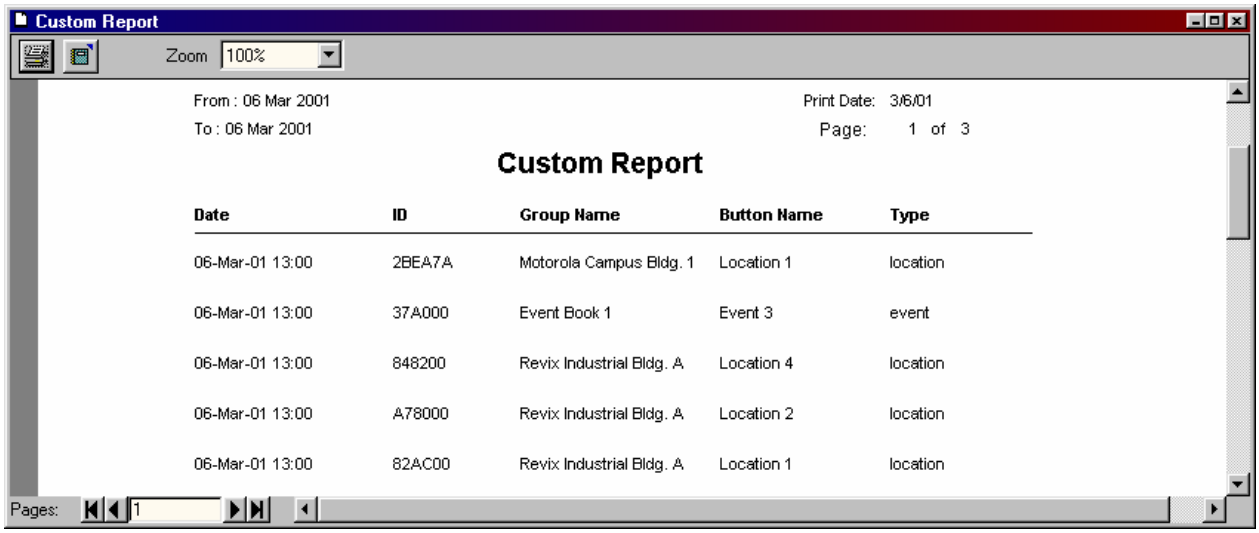
Using the Date Box, Change the Start and End dates for the report, using the specialized Calendar View. The interactive calendar box shows the current setting in a red circle (see image below), to change the date, you can scroll using the buttons forward or backward, simply click on the desired day.





In the above screen you can also request a report for one day “TODAY” or 1 week “Last 7 Days” or one month “30 Days” by clicking on the respective buttons.

Below is a sample report output as shown on the screen for the purpose of this instructions manual.


Custom Report
Zoom 100%
From : 06 Mar 2001
To : 06 Mar 2001
Print Date: 3/6/01
Page: 1 of 3
Custom Report
Date ID Group Name Button Name Type
06-Mar-01 13:00 2BEA7A Motorola Campus Bldg. 1 Location 1 location
06-Mar-01 13:00 37A000 Event Book 1 Event 3 event
06-Mar-01 13:00 848200 Revix Industrial Bldg. A Location 4 location
06-Mar-01 13:00 A78000 Revix Industrial Bldg. A Location 2 location
06-Mar-01 13:00 82AC00 Revix Industrial Bldg. A Location 1 location
Pages: 1

DigiTool Care & Maintenance

The **DigiTool**™ components do require a certain amount of care when in use for long periods. There are also some important notes on the do's and don'ts when using the system components. The details of the following section show these instructions.

GS-02 DigiTool Docking Base / PC Interface and Charger

Warning:

1) Do not disassemble, incinerate, erode product. All service shall be done in an Rosslare service center. Any tampering will the warranty.

2) Do not apply any voltage through the at the head of the reader as this may damage unit.

3) Not water resistance, when inserting a GC-too into the GC-02, make sure it is very

4) Do not tamper with the contacts, as this cause undesired function.

Cleaning:

1) When in use over long periods of time, may be dirt or dust accumulating on the clean the exterior using a damp cloth, remove using a small dry brush.

GC-01 DigiTool ID TAG Reader

Warning:

1) Do not disassemble, incinerate, erode product. All service shall be done in an Rosslare service center. Any tampering will the warranty.

2) Do not apply any voltage through the at the head of the reader as this may damage unit.

Cleaning:

1) When in use over long periods of time, may be dirt or dust accumulating at the head, clean the contacts using a wet cotton

2) Wipe off the exterior with a damp

GA-01 DigiTool Location Tag

GA-02 DigiTool Event Book

Warning:

1) Do not disassemble, incinerate, erode product. All service shall be done in an Rosslare service center. Any tampering will the warranty.

2) Do not destroy, dent or hammer on the GA-button as this may damage the

Cleaning:

1) When in use over long periods of time, may be dirt or dust accumulating , clean using wet cotton swab

2) Wipe off the exterior with a damp

Warning:

1) Do not disassemble, incinerate, erode product. All service shall be done in an Rosslare service center. Any tampering will the warranty.

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Cleaning:

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Glossary of Terms

A

Adding Site: When a new site is set-up on the system, which will contain locations within the site. All locations within a site need to be physically in the site.

Adding Location: Locations within the sites are assigned names, descriptions, and an ID tag. This is performed during the Locations set-up process

Adding Event-Book: When a new Event-Book is set-up on the system, which will contain events within the Event-Book. All events within an Event-Book need to be physically in the Event-Book.

Adding Event: Events within the Event-Books are assigned names, descriptions, and an ID tag. This is performed during the Events set-up process.

Adding Reader: When a new reader is set-up on the system, its unique ID needs to be recorded by the system to differentiate from other readers.

B

Backup Events Database: Archiving of database from the software to the hard disk or other storage medium of the PC.

Base: This is the GC-02 Base Charger for the DigiTool system.

C

Copyright: This term is used to signify that Rosslare's software is protected by copyright Laws, as well as each other software mentioned in the manual is the property of their respective owners.

D

Database: Database is storage of raw data in a known formatted structure that it may be accessed and queried to generate useful reports.

Database Report: This report provides a list of all the Locations, Events and false readings that occurred between a range of pre-set dates.

Delete: This allows you to uninstall Site/Location, Event-Book/Event or Reader from the system.

Docking Station: This is the GC-02 Base Charger for the System, which is referred to as the Docking Station because the GC-01 Reader is placed inside the GC-02 when charging and uploading /downloading with PC

Docking Process of inserting the GC-01 Reader into the GC-02 Base.

Download: This refers to the process of extracting the digital data from the GC-01 reader to the GS-01 Software program. Downloading process is explained in details in this manual

E

Edit: This allows you to modify the text for the Name and Description of Locations, Events and Reader. No any ID code can be changed by this option.

Event: This word is an open term made for programmable EVENT ID Tags which are read by the GC-01 reader, as the actual real world events occur. E.g. Event # 1 = Lights Left On.

Exception Report: It is generated according to any individual tour that is set up in the system, it reports only the exceptional readings that do not meet the tolerance setting of that tour.

F

Field: This is a location on the PC screen for entering your custom requirements by typing the desired values on the keyboard.

G

H

Hardware: Refers to physical product devices themselves.

Hardware List Report: This report provides a full list of installed hardware (Location, Event and Reader) on the system.

I

ID Tag: This is the metal button which stores a digital combination that is very random and non-repetitive. The ID tags are affixed in the GA-01 Location Tag housing and the Event Book GA-02.

Incident Report: This is a report generated by the GS-01 Software in order to filter and show events.

J

K

L

Location: This word is an open term made for programmable Location ID Tags, which are read by the GC-01 reader. A location is any one physical point, which is taught to the system software.

Login: When logging into the software, you have the selection to use the MASTER or USER level operator access. USER operator is a restricted mode of logging on with fewer features than the MASTER operator.

M

Move up/down: This refers to the re-arranging of locations for a touring schedule. Move up will re-arrange the highlighted location to an earlier time slot.

Multiple Readers: This term refers to the ability for the DigiTool System to assign different GC-01 Readers to different people who perform the tours. This will enable the system to operate with many users.

Master User: This term is used in the software for the system operator which has all the features available to him/her when logging on to the DigiTool Software.

N

O

Operator: Referred to the person(s) which use and set-up the PC software package GS-01.

P

Password: A password is a personal secret code word, which is used to protect restricted access from software applications. Every PC software operator must have the password to enter the GS-01 Software.

Patrol: This is a word used for the act of performing a round of tours.

Patrol Schedule Report: This report provides a schedule of an individual tour, a written guideline to the people who perform the task.

Print Preview: This refers to the PC software option to view reports on the screen of the PC before printing them onto paper.

Progress Bar: When the PC software is performing calculations and upload/download process, the screen will show a progress graphics bar, which fills up according to the level of progress in the actual operation.

Q

R

Reader: This refers to the GC-01 ID Tag Reader.

Reader Download Report: This report provides a complete record of downloading activity and the data saved into the database at each download.

Regular User: This term is used in the software for the system operator which has less features available to him/her when logging on to the DigiTool Software.

Report: This used for data, which is formatted in a printable, legible and logical manner to server the user. Reports are usually shown on the screen and can be printed or saved to disk.

Restore Events Database: Restoring of previously archived database from the hard disk or other storage medium back to the software.

Route: Used in reference to DigiTool tours, this specifies the Location Schedule for visit that is performed by the person performing the tour.

S

Schedule: This is a term used for a pre-determined set of events that are planned by the PC software manager. (See Touring Schedule).

Screenshot: This word is used in this manual to represent the open window on the PC monitor, during any operation of the PC software. The screenshot is a picture of the open window.

Settings: This refers to User programmable parameters for the system.

Serial Port PC: Term used for the D9 RS-232 COM port found on the PC computer & on the GC-02 Base.

Send: This is used to initiate the transfer of new settings to the reader.

Site / Sites: This term is used to represent an entity with a group of locations included inside it. Sites can be a single building with many locations, or a business complex with many buildings inside of it.

Software: Term used for the code used to operate and control digital embedded computers or PC based applications.

SPC: Statistical Process Control.
This is a numerical measurement process of critical process parameters intended for reducing the level of error, and setting control limits for these variables.

Station: The PC is referred to as the Central Station.

System: This term is used to represent the group of all of the elements of Hardware and Software that make up the DigiTool product.

T

Tolerance: This is the Acceptable Variance of the target time assigned during a tour schedule. If the time is 08:30 target, and the tolerance is 10 minutes, then the Location must be visited earliest at 08:20 and latest at 08:40.

Tools: Software features that are utilities and assist in customizing and setting up the DigiTool System.

Tour Copy: To create a new tour by copying from an existing tour schedule and adjusting only the Start and the Inter-Location time.

Tour Report: It is generated according to any individual tour that is set up in the system, it reports all the readings collected in the tour including false readings.

Tour/Exception Report: It is generated according to any individual tour that is set up in the system, it reports only the readings correlating to the setting of that tour, excluding the false readings.

U

V

Variable: Either an Numerical or Alphanumeric value that can be programmed to the software (See FIELD)

W

Wizard: The Wizard expression is used for a software feature that is mostly automated, and reduces the PC operator's involvement in detailed PC operations. E.g. Install Wizard, or Reports Wizard.

X

Y

Z

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* Refer to the Registration Card accompanying the purchased product for the most up-to date address and phone numbers.

Note : Please read the following prior to the return or exchange of your product. To exchange or return your product within the first 30 days, we recommend returning it to the point of purchase. If you return or exchange your product through Rosslare, you must first contact Customer Support to obtain a Return Merchandise Authorization (RMA) number.

Customer Support will give you an RMA number and a special address for the exchange.